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CANADIAN

Contract Record

A Weekly Journal of Public Works, Tenders, Advance Information and Municipal Progress

This Paper Reaches Every Week the Town and City Clerks, Town and City Engineers, County Clerks and County Engineers, Purchasers of Municipal Debentures and Leading Contractors in All Lines Throughout Canada

VOL. 15. TORONTO, MONTREAL AND WINNIPEG, JANUARY 4, 1905 No. 47

THE CANADIAN CONTRACT RECORD
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TENDERS WANTED

Tenders will be received up till 5 o'clock, 14th OF JANUARY, 1905, for all Trades required in the erection of Brick Town Hall in the Village of Ailsa Craig.

Plans and specifications may be seen on and after MONDAY, THE 19TH, at the office of E. B. Smith, Ailsa Craig, or J. A. Humphris, St. Mary's.

The lowest or any tender not necessarily accepted.

E. B. SMITH,
Village Clerk, Ailsa Craig.

TENDERS

will be received by the undersigned up to SATURDAY, JANUARY 7TH, 1905, for the repair of the Waddell Creek drain in the Township of Sarnia, a distance of about 1,496 rods.

Plans and specifications can be seen at the Clerk's office.

The lowest or any tender not necessarily accepted.

MAGGIE LOWRIE, Township Clerk,
Box 245, Sarnia.

PLANS WANTED

The Board of Trustees of the Moose Jaw Public School District No. 1 are prepared to receive up to 15TH JANUARY, 1905, plans, specifications, and itemized estimate of cost, for an eight-roomed School Building with an Assembly Room above the second floor; the building to be steam heated and to have all modern sanitary conveniences. The sum of $100 will be paid to the architect whose plans are adopted.

Address, H. JAGGER,
Secretary-Treasurer,
Moose Jaw Public School District No. 1,
Moose Jaw, N.W.T.

A demand of assignment is reported to have been made upon Ernest David, contractor, Longueuil, Que.

U. Pauze & Fils, sash and door manufacturers, Montreal, have been incorporated as a joint stock company.

CONTRACTS OPEN.

THOROLD, ONT.—The waterworks by-law was carried here on Monday last.

PETROLIA, ONT.—The citizens defeated the by-law to establish a gas plant.

LETHBRIDGE, N.W.T.—The sum of $11,000 has been voted to build a new school.

GALT, ONT.—The ratepayers defeated a by-law to loan $5,000 for a new industry.

LINDSAY, ONT.—A by-law to spend $20,000 on a water filtering plant was voted down.

KINGSTON, ONT.—The by-law to raise $2,800 for a new sewer was probably defeated.

NEWCASTLE, N.B.—The Rosebank Lumber Co. will next summer build a large saw mill here.

TILSONBURG, ONT.—The by-law to assist the Wind Motor Co. was carried by a large majority.

PERTH, ONT.—The waterworks by-law was carried, while the Carnegie library by-law was defeated.

KINCARDINE, ONT. — The proposed extension of the High School has been sanctioned by the electors.

ORILLIA, ONT.—The Town Council have just passed a by-law authorizing the issue of debentures for $41,000.

CALEDONIA, ONT. — J. Hamm wants a loan of $6,000 to assist him in establishing a canning factory here.

PORT ARTHUR, ONT. — Frank Marriaggi purposes building another addition to the Northern Hotel.

OSHAWA, ONT. — It is understood that a movement is on foot to build a combined club house and curling rink here.

WETASKAWIN, N.W.T.—J. Stacey Orr will receive bids up to January 20th for the purchase of $35,000 public school bonds.

BERLIN, ONT.—The ratepayers on Monday last carried a by-law to raise $6,000 for extending the sewerage disposal plant.

BROCKVILLE, ONT. — B. Dillon, architect, is preparing plans for a double brick house to be built on William street by W. J. Splan.

WOODSTOCK, ONT.—A by-law to grant a loan of $12,000 to the Eureka Co., of Windsor, failed to get the necessary two-thirds vote.

ST. MARY'S, ONT. — The electors have voted against guaranteeing the bonds of the St. Mary's Quarry Co. to the extent of $30,000.

CORNWALL, ONT. — By-laws to to raise $8,000 for enlargement of the High school and $5,000 to extend the waterworks system have been sanctioned by the ratepayers.

INGERSOLL, ONT.--The ratepayers voted down the by-law to grant a loan to Bradbury & Waterhouse, woollen manufacturers, to make improvements to their plant.

EGANVILLE, ONT.—It is proposed to make improvements to the electric light plant here. -- Reinke & Bolan purpose installing new machinery in their woodworking factory.

LUNENBURG, N. S. — George H. Love, Town Clerk, will receive tenders up to Wednesday, February 15, for the construction of a complete sewerage system for this town.

BELLEVILLE, ONT.—A by-law to raise $10,000 to improve the waterworks system was carried by the ratepayers on Monday. The by-law granting a loan to the Deacon Shirt Co. was defeated.

CALGARY, N. W. T.—Although the Council have voted $60,000 for a municipal lighting system, it has not yet been decided whether to purchase the existing plant or install a new one.

NORTH SYDNEY, N. S. — The question of securing a dry dock here was considered by the Board of Trade last week, a proposition in that connection having been submitted by Capt. Farquhar.

PORTAGE LA PRAIRIE, MAN.—A large eastern implement firm have purchased the R. P. Campbell property on Saskatchewan ave. with the intention of building a brick block thereon in the spring.

ST. CATHARINES, ONT. — The Niagara, St. Catharines and Toronto Railway Co. will apply to the Dominion Government for an extension of the time for the commencement and completion of their road.

ST. THOMAS, ONT.—It is announced that the Pere Marquette Railway will spend upwards of $2,000,000 on improvements. A new dock will be built at Walkerville and heavier rails laid on different sections.

WESTMOUNT, QUE. — The Heather Curling Club have purchased land on Kensington ave. on which to build a rink and club house, to cost about $20,000. The building will have a steel frame.

CHIGNECTO, N.S.--David Mitchell, manager of the Chignecto Coal & Railway Co., states that the surveys for the line of railway to be built from Chignecto to a point on the Straits of Northumberland have been completed.

ESSEX, ONT. — The Lieutenant-Governor has granted an order-in-council

permitting the town to issue $1,500 of debentures for improvements to the waterworks system without submitting the question to the ratepayers.

SEAFORTH, ONT. — The Canada Furniture Manufacturers will now proceed with the erection of their factory, the ratepayers having agreed to a loan of $20,000.

GUELPH, ONT. — By-laws were carried to raise $30,000 to extend and improve the street railway and buy a park, and $7,000 for waterworks improvements, including a new filter. The by-law for $23,000 to enlarge the Collegiate Institute was defeated.

TILBURY, ONT.—W. C. Crawford has purchased the mill site of H. Sloan and will at once install saw, heading and planing mill machinery. — The Village Council have petitioned the Minister of Public Works, Ottawa, to build a dock at the mouth of Baptiste Creek.

HAMILTON, ONT.— The deal for the property on which the new armory is to be erected was closed last week. It is expected that work will be commenced in spring.—By-laws were carried here on Monday to raise $50,000 for an addition to the hospital and $15,000 for market improvements.

CHATHAM, ONT. — J. L. Wilson & Son, architects, are preparing plans for remodelling the store occupied by Mrs. Kelly, King street, and the Tilt store.—By-laws were carried here on Monday last to aid the Defiance Iron Works in establishing a factory and to raise $41,000 or a new market building.

MONTREAL, QUE.--The Protestant Board of School Commissioners have not yet secured a site on which to erect the proposed Senior school. — The Government will probably be petitioned to build a branch post office on St. Catherine street at some central point in St. James' Division.

VICTORIA, B. C.—W. W. Butler, of his city, is forming a company to establish cement works at some point along Puget Sound. — Moore & Wittington, contractors, have made application to the Dominion Government for water-front privileges at the end of Pleasant street, the intention being to erect a saw mill.

STRATFORD, ONT. — The joint committees of the City Council and Board of Trade have decided upon the terms upon which the C. P. R. may enter this city. The road is to be built within a year and the construction will probably commence next spring.—The ratepayers approved of by-laws to raise $50,000 for extension and improvement of the waterworks system, $7,000 to complete the sewage disposal plant, and $3,000 for the erection of a morgue.

EDMONTON, N.W.T.—It is understood that a local architect is preparing plans for a new opera house to be built here.—D. R. Fraser & Co. propose to construct dams, booms and other improvements on the Saskatchewan river above this town. — A meeting of the Board of Trade and Town Council was held last week to consider the question of constructing a union railway and traffic bridge between Edmonton and Strathcona. The project was favored.

OTTAWA, ONT. — Mr. Ewart, chief architect of the Public Works Department, and John McDougall, Commissioner of Customs, have visited several United States cities inspecting customs examining warehouses with the object of obtaining ideas to be embodied in the new warehouses to be built in Toronto and other cities.—The Temiskaming and Mechiskam Dam Co. has been incorporated, with a capital of $100,000, to build a dam across the southern outlet of Lake Temiskaming near the terminus of the C.P.R. E. B. Eddy and W. H. Rowley are among the incorporators.

BRANTFORD, ONT. — It is said that the Bell Telephone Co. are considering the erection of a new building here.—Stewart, Witton & Taylor, architects, have prepared plans for extensive additions to the works of the Wm. Buck Stove Co., including an enlargement of the moulding shop to accommodate 250 additional moulders, an enlargement of the mounting and nickle-plating shops, and the erection of an entirely new building to be used as a pattern vault.—It is understood that plans are progressing favorably for the erection of a new hotel in this city.—The ratepayers approved of the proposal to grant the Water Commissioners $50,000 to improve the water supply but voted down the by-law to provide $62,000 for a drainage system.

VANCOUVER, B.C. — The Council of North Vancouver will award contracts at once for a waterworks system.—Tenders will be received by the City up to January 26th for a supply of rock. The City Engineer estimates that 10,000 yards will be required.—S. Jones, proprietor of the Dominion Hotel, Victoria, has purchased property on the corner of Hastings and Homer streets on which he intends to erect a store and office building.—A. G. Thynne, manager of Pilkington Bros., has been instructed by the head office in England to build an addition to their glass warehouse in this city, to be 65 × 120 feet and one storey high. Construction will be commenced at once.—Robertson & Robertson are applying for the incorporation of a company to construct a railway from Vancouver to Lillooet Lake.—Mr. Blackmore, architect, has made preliminary plans for an athletic building to be built on the corner of Dunsmuir and Beatty streets, at an estimated cost of $20,000. A. Larwill is secretary of the committee having the matter in hand.

WINNIPEG, MAN. — The French Catholic population have purchased a block of land situated between McDermott, Bannatyne, Lydia and Marguerite streets on which it is the intention to build a fine church to cost upwards of $100,000. Rev. Father X. Portelance, formerly of the Church of the Sacred Heart, Ottawa, has been appointed parish priest.—The Winnipeg, Selkirk and Lake Winnipeg Railway Co. are applying to the Legislature for permission to build a line into this city. — C. J. Brown, City Clerk, is asking for tenders up to Friday, 6th inst., for metallic fittings for the vault in the City Treasurer's office. He is also taking tenders this week for construction of an asphalt pavement on Sunderland ave., from Aikens to King st., and a cedar block pavement on lane east of Main st. —The Riverside Park Railway desire an extension of time for the construction of their road between Winnipeg and St. Agathe. — The City Council propose to construct an asphalt pavement on Broadway, from Maryland street to Lendrum street, cost $9,148.75; on Lendrum street, from Portage to Preston ave., cost $5,588; on Kate street, from Notre Dame to McDermott ave., cost $4,172, and on St. James place, cost $1,378.—It is understood that the C.P.R. will shortly let contracts for the construction of a number of bridges between Winnipeg and Fort William.—Incorporation has been asked for the Independent Telephone Co. of Canada, the promoters of which are residents of Minneapolis and the State of Iowa. It is their purpose to establish in towns throughout the province the dial system of telephones. The capital stock is fixed at $10,000,000.

TORONTO, ONT.—H. W. Love, of First avenue, has decided to build a pair of 8-roomed dwellings and one single dwelling on Smith street, at a cost of $7,000, also three pairs of dwellings on Bain street, near Broadview, to cost $8,500. — J. B. LeRoy & Company are about to erect a ten-roomed residence at the corner of Bain and Broadview aves., at a cost of about $5,000. The same firm have just disposed of 600 feet of land on Pape ave., upon which a block of small houses will be erected in the near future. — The Department of Public Works, Ottawa, are asking for tenders up to Thursday, January 26th, for the construction of an extension to the breakwater on south side of Toronto Island. Plans may be seen at the office of H. A. Gray, C. E., Confederation Life Building. — Plans are being prepared for the new distributing post office to be built by the Dominion Government at the corner of Front and Bay streets.—It is proposed to erect a new Sunday School building in connection with Wesley Methodist church on Bloor street, at a probable cost of $25,000. About $13,000 has already been promised and it is likely that the work will be commenced in the spring.—By-laws to provide for the issue of debentures for $300,000 for new buildings at the Industrial Exhibition and for $700,000 for an improved system of fire protection were both carried by large majorities on Monday last.

FIRES.

Residence of Samuel Blair at Stanley, N.B.; loss $3,000, insurance $1,000.—General store of W. R. Carnrite at Roblin's Mills, Ont., totally destroyed; loss $8,000.—Brewery of the Cosgrave Brewing Co., corner Queen and Niagara streets, Toronto, damaged to extent of $30,000. — St. Andrew's Presbyterian church, Winnipeg, damaged to extent of $15,000.—Grist mill of Mr. Light at Notre Dame du Lac, Que.; loss $4,000.

CONTRACTS AWARDED.

BRANTFORD, ONT.—Heating the new armory: Charles Taylor, successful tenderer.

VICTORIA, B.C. — J. A. Sayward has secured the contract for building the cabin work on the steamer Venture.

ESSEX, ONT.—Mr. McKay, of Toronto, has purchased $3,900 5 per cent. town debentures, at a premium of $175.

WINDSOR, N.S.—The contract for heating and plumbing for the new hospital has been let to T. T. Murphy, at $2,844.

OTTAWA, ONT.—George Goodwin has signed the contract for the construction of the Royal Victoria museum. The price is about $990,000.

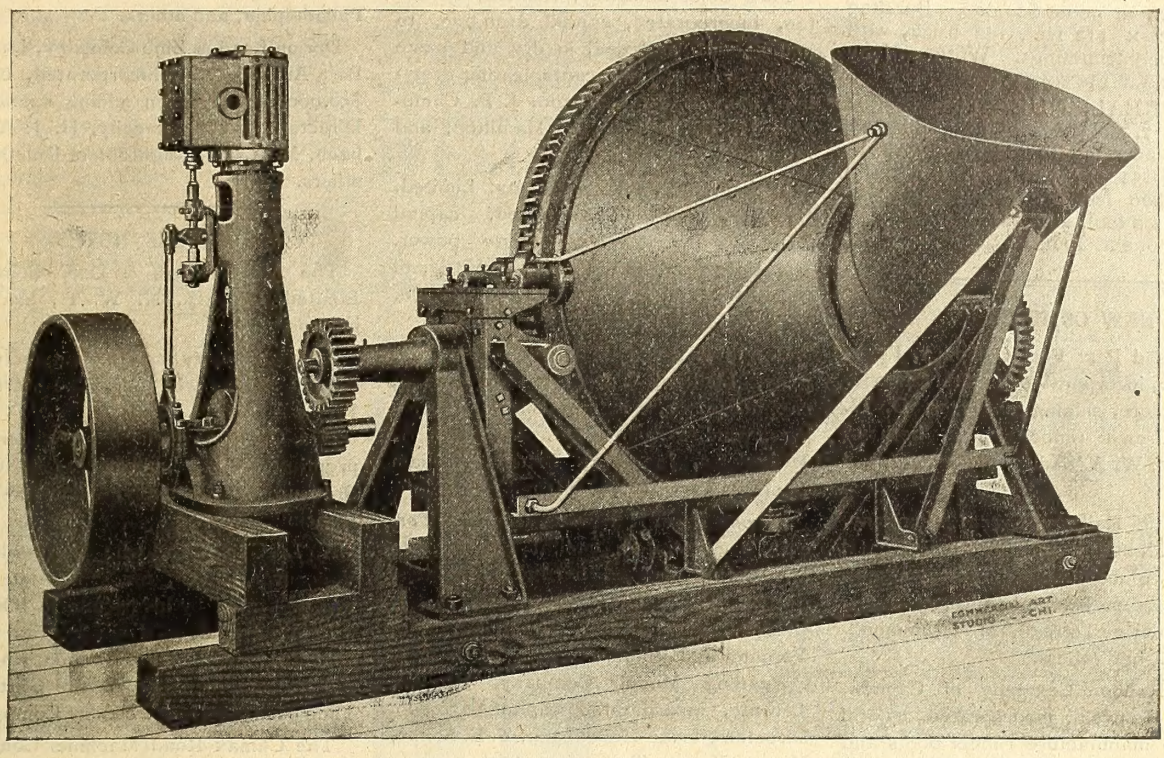
WINNIPEG, MAN.—Foley, Larson & Stewart are reported to have secured the contract to double track the C.P.R. between Winnipeg and Fort William.

BRACEBRIDGE, ONT.—The J. D. Shier Lumber Co. have secured the contract for building stations on the Temiskaming and Northern Ontario Railway.

NEW GLASGOW, N.S.—H. James McDonald, of this place, has secured the contract to double track the Intercolonial Railway from New Glasgow to Stellarton.

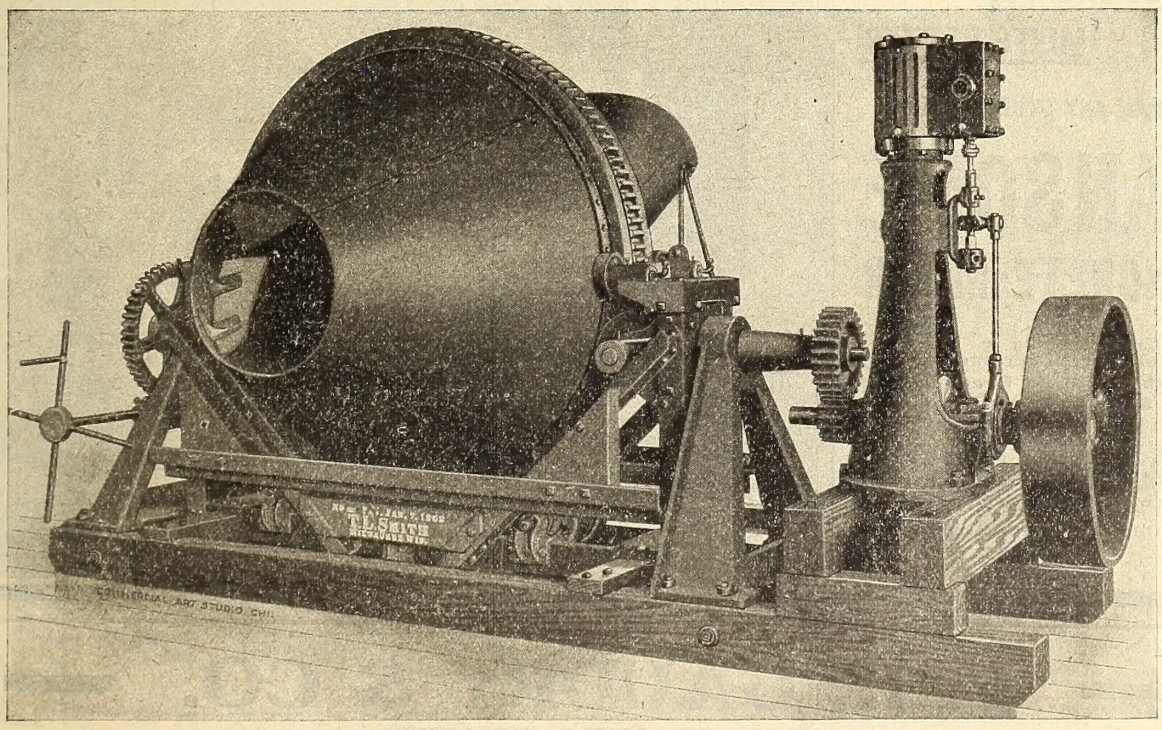
EDMONTON, N.W.T.—J. W. Huff and C. J. Carter, of this city, have secured the contract to supply 100,000 railway ties for the Canadian Northern Railway. The ties are to be delivered at Battleford during the coming summer.

HAMILTON, ONT. — The directors of the Hamilton, Ancaster and Brantford Railway Co. have let the contract for the building of the road to Haines Bros., of New York. The road will cost about $500,000 and is to be completed by December 1st, 1905.



View From Charging Side.

THE **SMITH MIXER** - **1905 MODEL** - THE **SMITH MIXER**



View From Discharging Side.

W. H. C. Mussen & Co.

RAILWAY, MINING AND CONTRACTORS' SUPPLIES. MONTREAL

STRATFORD, ONT.—The contract for new Catholic church here has been awarded to Bjondé Bros. & Co., of Chatham, Ont., at about $20,000. Building will be 52 × 112 feet, red brick, with brown stone trimmings. Work will be commenced in the spring.

MONTREAL, QUE.—The contract to supply 7,500 yards of granite blocks has been awarded to the Sicily Asphalt Co., at $1.52 per yard. J. Rock will supply 1,800 feet of straight curbstone at 39 cents a foot, and 2,000 feet of corner curbstone at 49 cents a foot.

NEW COMPANIES.

Condensed Peat Fuel Company, Peterboro, Ont., incorporated, capital $40,000. Vivian Moore, mining engineer, D. H. Moore, Crown timber agent, both of Peterboro; W. A. Sadler, of Toronto, and others.

Automatic Railway Signal Company, Limited, Montreal, incorporated, capital $500,000, to manufacture railway signaling devices, etc. Joseph Lemire, mechanic, Rev. Frederic Tetreau, of Drummondville, Que., and others.

Hood Rubber Company of Canada, Limited, Montreal, incorporated, capital $5,000, to manufacture rubber boots and shoes, etc. R. D. McGibbon, barrister, Stephen J. LeHurar, accountant, and others.

The Alza Company, Limited, Montreal, incorporated, capital $100,000, to manufacture window sashes, window blinds, doors, etc. J. C. Moore, J. S. Teasdale, John M. Power, and others.

Pure Color Company, Limited, Hamilton, incorporated, capital $100,000, to manufacture and deal in dry and paste colors for paints, lubricants, leather dressings, etc. E. R. Clarkson, J. P. Campbell, H. E. Ralston, of Hamilton, and others.

Wahnapitae Power Company, Limited, Sudbury, Ont., incorporated, capital $250,000, to develop electric power. Frank Cochran and William McVittie, of Sudbury; J. R. L. Starr and J. H. Spence, of Toronto, and others.

B. and T. Roller Bearing Window Company, Limited, Toronto, incorporated, capital $40,000, to manufacture roller bearings, window sashes, etc. Directors, A. J. Jackson, James H. Pauley, William Bentley, Toronto, and others.

Brooks-Smith Hardware, Limited, Toronto, incorporated, capital $75,000, to munufacture and sell hardware, mantels, grates, tiles, etc. Directors, E. J. Creeper, John Brooks, W. M. Smith, of Toronto, and others.

Reading Mining Company, Limited, Toronto, incorporated, capital $250,000. Directors, Isaac Hollenbach, T. E. Seidle, Henry Kramer, Toronto, and others.

Cook-Fitzgeraid Company, Limited, London, Ont., incorporated, capital $50,000, to manufacture boots and shoes. J. P. Cook, E. J. Cook, London, and others.

Henry Disston & Sons, Limited, Toronto, incorporated, capital $100,000, to manufacture saws and other tools. Directors, Henry Disston, William Disston, of Philadelphia, and others.

Dorion Lead & Zinc Company, Limited, Port Arthur, Ont., incorporated, capital $50,000, to carry on mining operations. Directors, Michael Jacoby, H. J. Achenbach, M. A. McNaughton, of Duluth, and others.

BUSINESS NOTES.

The Alberta Sash & Door Company, Limited, Calgary, N. W. T., has been incorporated.

A new industry for the manufacture of cement blocks will shortly be started at Prince Albert, N. W. T.

Mrs. C. E. Brodeur has registered as proprietress of the business of C. E. Brodeur & Company, plumbers, St. Hyacinthe, Que.

A. L. Gartshore, who has resided in Vancouver, B. C., for some time past, was presented by his friends in that city with a case of solid silver prior to his recent departure for Hamilton, where he will become manager of the Gartshore-Thompson Pipe and Foundry Company.

The Climax Road Machine Company, of which Mr. John Robinson is general manager, has recently commenced business in Hamilton as manufacturers and dealers in high-class road-making machinery and municipal and contractors' supplies. The advertisement of the new company will be found in this paper.

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THAN ANY OTHER MIXER
RANSOME
CONCRETE MIXER
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With or Without Power.
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Successors Late James Cooper
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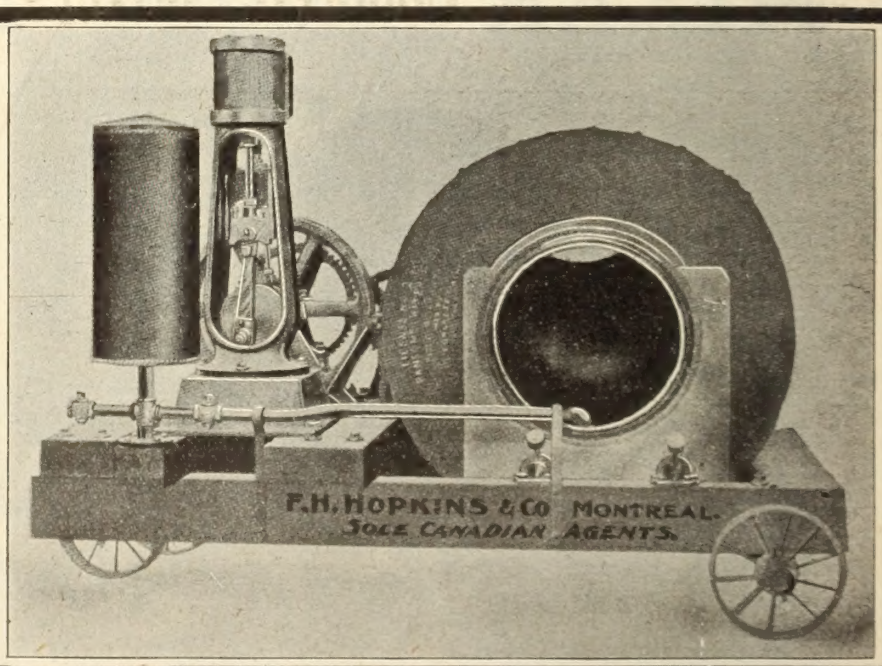

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Sizes—4 to 48 inches in diameter.

Large Stock. Superior Quality. Prompt Shipments.

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It will pay you to obtain particulars and prices before placing your orders.

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BUILDING OPERATIONS IN MONTREAL.

With two exceptions, the year 1904 witnessed the greatest building period i the history of the city of Montreal, the value of the operations representing $3,643,181, and the number of permits issued being 1,329. So far as the number of permits is concerned, the past year is far ahead of any other.

The two years which exceeded the past year were 1887 and 1903. The amount of building done in 1887 was $3,793,178, and the number of permits issued 1076; in 1903 the value of building done was $3,948,733, and the number of permits issued 1,010.

The comparison between 1903 and 1904 is, according to the department books, as follows, the figures not including the amount spent by the city on the erection and repair of public buildings:—

	1904.	1903.
New Buildings	795	581
Permits for alterations	534	429
Total permits	1,329	1,010
Value of new buildings	$3,004,901	$3,397,741
Value of alterations	598,280	550,992
Total value	$3,643,181	$3,948,733

Decrease for 1904—$305,552.

The extent of building operations during the present year may be gathered from the following new edifices erected: Dwellings, 1,147; stores, 42; warehouses, 15; factories, 13; churches, 2; schools, 2; hospitals, 5; office buildings, 3; stables, 22 and sheds, 126. In dwellings alone there is an increase of 460 over the number erected last year, but in stores there is a decrease, the number being 42, as against 94 in 1903.

Experiments are being made by the government at the Sault Ste. Marie ship canal looking to the substitution of concrete for wood superstructure for the piers. There are altogether about three miles of these piers, but the government is rebuilding only a short section at this time. The increasing cost of lumber and the fact that the timber decays quickly is the principal factor in impressing upon the authorities the necessity of making a change in the material heretofore used in such work. In the long run concrete will prove a much cheaper material, as it will never have to be replaced, and will be incomparably more attractive in appearance. The concrete work begins about two feet below the water line. The government is always slow in taking such departures from established usage, but it is inevitable that as a rule all work of this class in the future will be made of concrete.

JOHN S. FIELDING
Mem. Soc. C. E. West Penn. '87.
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Dams, Mills, Bridges, Machinery.
Room 2, 15 Toronto Street, TORONTO, ONT.
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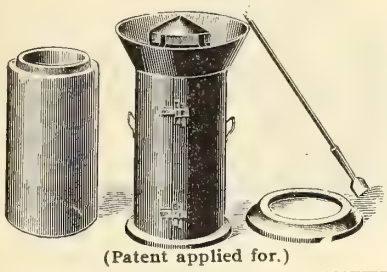
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Third Edition
Canadian Contractor's Hand-Book
AND ESTIMATOR

The third edition of the Canadian Contractor's Hand-Book is now on sale. The book has been revised and enlarged to upwards of two hundred pages, and the title changed to the Canadian Contractor's Hand-Book and Estimator, considerable matter bearing on the cost of performing various kinds of work having been added.

The price of the third edition, mailed free, is $1.00 to subscribers of the CANADIAN ARCHITECT AND BUILDER, $1.50 to non-subscribers. Order from the publishers,

The C. H. Mortimer Publishing Co., of Toronto, Limited
Confederation Life Bldg., Toronto.
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THE BEST SIZE FOR HOLLOW CONCRETE BLOCKS?

There has been considerable discussion among concrete block manufacturers and concrete block machinery manufacturers as to what is the most desirable size in which to make hollow concrete blocks, and there seems to be a great deal of diversity of opinion as to what is best. This is perfectly natural, because different uses will demand different sizes for the best results, also the best size will depend upon the point of view or object for which such a decision should be made. For instance, the size desired may be a matter of taste only, or a matter of convenience perhaps, a matter of convenience in placing perhaps, or the size adopted may be purely a matter of economy in manufacture and in handling.

It is evident that for buildings of markedly different class, blocks of different size and design would be desirable. It is also evident that the same size would not be so desirable for porch and veranda work as would be required for buildings or foundations. It is also evident that retaining walls for the best results will require much larger blocks than would be required for most other work. The size of blocks for culverts will depend on the size of the culvert, the span and the load to be carried. The same will obtain for the construction of chimneys.

This matter is one worth consideration and we would be glad to have the opinion of our readers and advertisers on this subject, each one giving his opinion and what it is based on as to the best sizes for: first, buildings; second, porch and veranda work; third, foundations; fourth, retaining walls; fifth, culverts, 10 foot span and 20 foot span; sixth, chimneys, and any other purposes with which you may be familiar. —Rock Products.

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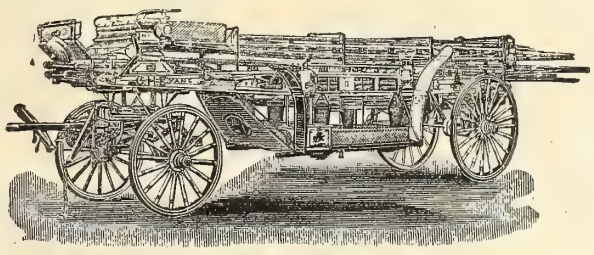
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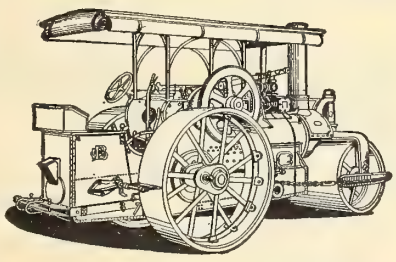
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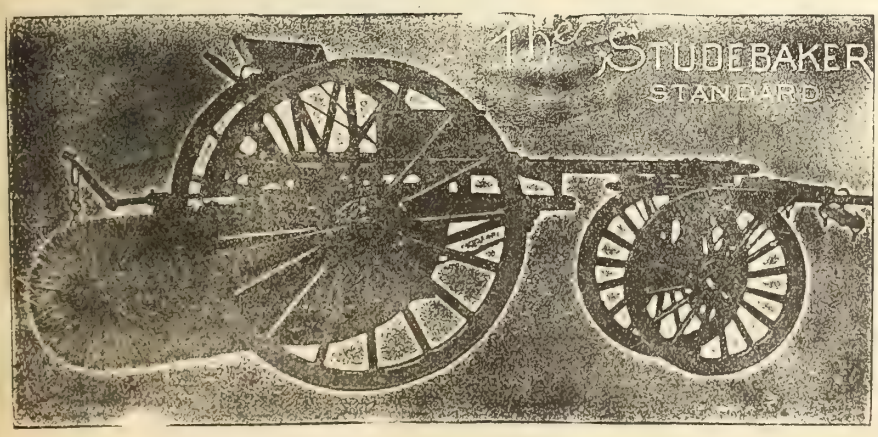

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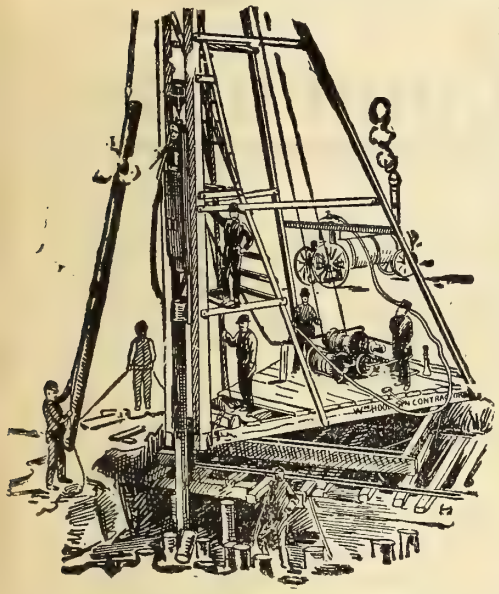

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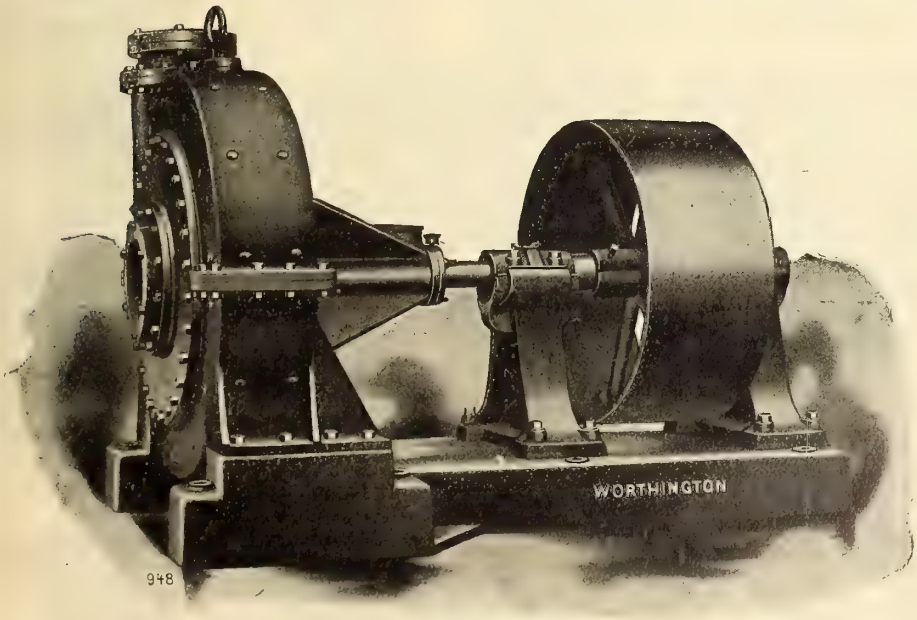

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The building permits for the year show an increase over last year over one and a half million dollars. The following is the record by months:

January	$ 61,450 00
February	154,380 00
March	261,845 00
April	492,432 00
May	554,956 00
June	1,100,820 00
July	844,550 00
August	540,180 00
September	552,875 00
October	605,032 00
November	471,590 00
December	254,610 00
Total, 1904	$5,894,720 00
Total, 1903	4,356,457 00
Total, 1902	3,854,923 00

A demand of assignment is reported to have been made upon Ernest David, contractor, Longueuil, Que.

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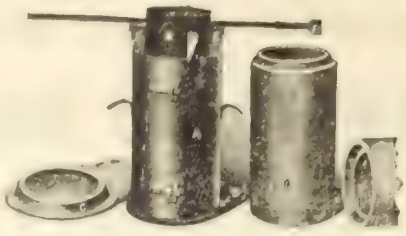

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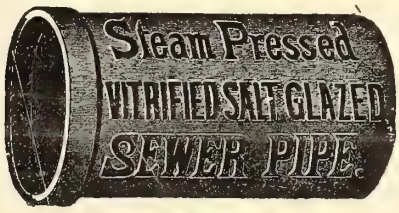

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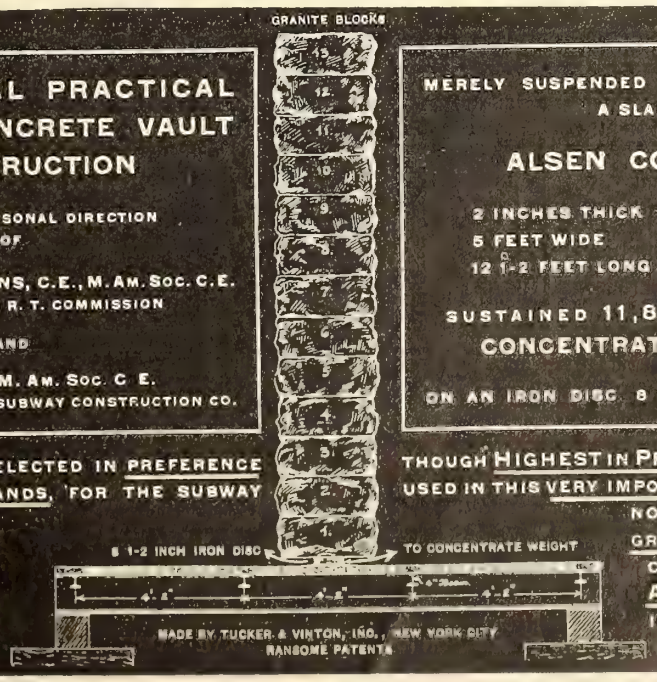

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ALSEN'S HAS BEEN SELECTED IN PREFERENCE TO ALL OTHER BRANDS, FOR THE SUBWAY RAPID TRANSIT STATIONS OF THE ENTIRE SYSTEM, REACHING FROM THE BATTERY TO THE BRONX.

THOUGH HIGHEST IN PRICE, ALSEN'S IS BEING USED IN THIS VERY IMPORTANT CONSTRUCTION, NOT ONLY BECAUSE OF ITS GREATER STRENGTH, BUT CHIEFLY BECAUSE OF ITS ABSOLUTE SAFETY IN ACTUAL WORK.

SEWAGE DISPOSAL SYSTEM FOR A SMALL CITY.

An interesting report lately issued by the Ohio State Board of Health contains descriptions of a number of sewage purification plants in Ohio.

Among the various systems employed for the disposal of sewage, the septic tank has acquired quite a prominent place, and for the last five or six years the practice in this state has largely been to construct septic tanks supplemented by coke, cinder or sand filters.

In connection with this, a description of the sewage disposal of the city of Kenton may not prove uninteresting.

The city of Kenton, O., north district, having a population of about 8,000, lies principally in the watershed of the Scioto river; but the northern district, having an area of about 150 acres, drains northward into a county ditch leading into a tributary of the Maumee river.

A public water supply was introduced in 1883. The average daily consumption is now 700,000 gallons or 175 gallons per consumer.

Nearly one-half the total population are connected with the combined sewers which discharge directly into the Scioto river.

The north district is at present but partly sewered, there being about 400 people connected. Measurements showed that the day flow was at the rate of 35,000 gallons per day, which probably means an average actual dry weather flow of about 25,000 gallons per twenty-four hours. The sewers are principally on the separate system, but receive the surface water from one or two catch basins. The quantity used for flushing is estimated at 1,500 to 2,000 gallons per day. As the charge of sewage from the northerly district into the county ditch would have created a nuisance, disposal works were constructed in 1901 at a distance of about one-half mile north of the corporation line.

The plant consists of:

1st. A septic tank 28 feet long, 16 feet wide and 6 feet deep, holding 21,000 gallons, or about one day's flow in dry weather.

2d. Three dosing filters or "contact filters," which are flush tanks filled with coarse filtering material.

3d. Three beds of pea coke, onto which the sewage is discharged intermittently from the dosing filters.

The septic tank is divided longitudinally by a brick wall and is so arranged that the sewage enters each half at one end and is drawn off at the other end at a point 2 feet below the surface, through small openings into a wooden channel or trough from which it enters the flushing filter by means of inverted siphons.

These flushing filters are 5 feet by 10 feet by 2 feet deep and are filled with a mixture of charcoal, coke and pieces of limestone ranging from one-half inch to three inches in diameter, to a point above the ends of the inlet pipe, which are protected by screens. By raising the end of the outlet pipe any of the three filters may be put out of service.

The principal filters or "wave beds" consist of three long brick and concrete tanks, each 10 feet by 100 feet, the bottoms of which have a decided slope away from the septic tank, and which are filled with a layer of pea coke 18 inches deep at the upper end and 4 inches at the lower; the coke is covered with a layer of broken stone.

The sewage from the flushing filter discharges against the upper end of the filtering material, and flows through the inclined layer over the whole distance of 100 feet, when it is collected in an effluent channel and conveyed to the county ditch.

The septic tank is no doubt very efficient as a sludge destroyer. After nearly one and one-half years' operation it contains a foot of sludge at the bottom and no scum at the surface. It is said, however, that when surface water enters the tank a scum quickly forms, but disappears when the flow of surface water ceases.

The dosing filters have given some trouble in clogging around the air pipe of the siphon and thus causing continuous discharge on to the main filters.

Very little care is given to the plant; one man visits it three or four times a month, inspects the working of the siphons, and loosens the filtering material at the upper end of the filters.

Analyses of samples of sewage and effluent collected on November 29, 1902, showed a high percentage of removal of organic matter and a well nitrified effluent, but samples collected on September 18, 1903, showed less organic matter was then being removed and that the effluent was not being nitrified.

The cost of the plant was about $4,000 and the annual cost of maintenance is estimated at $50.00.—Engineering Review.

Prices of Building Materials.

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MILTON PRESSED BRICK AND SEWER PIPE CO.

	F.O.B. Milton, Ont.	F.O.B Montreal
Red No. 1	Please write to head office, Milton, Ont., for catalogue and prices.	$18 00
" 2		16 00
" 3		14 00
Buff No. 1		20 00
" 2		18 50
Brown		25 50
Roman Red		30 50
" Buff		33 50
" Brown		40 50
Hard Building		12 00
" Sewers		12 00
" Backing		11 50

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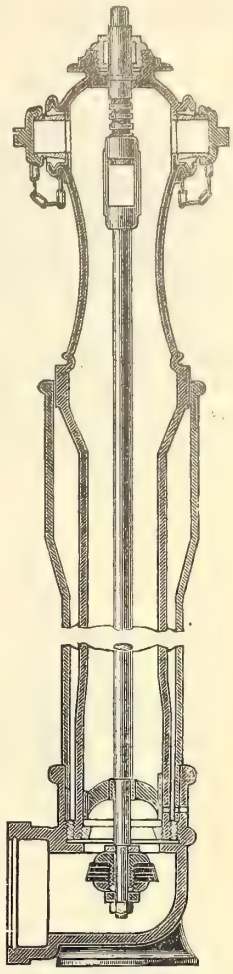

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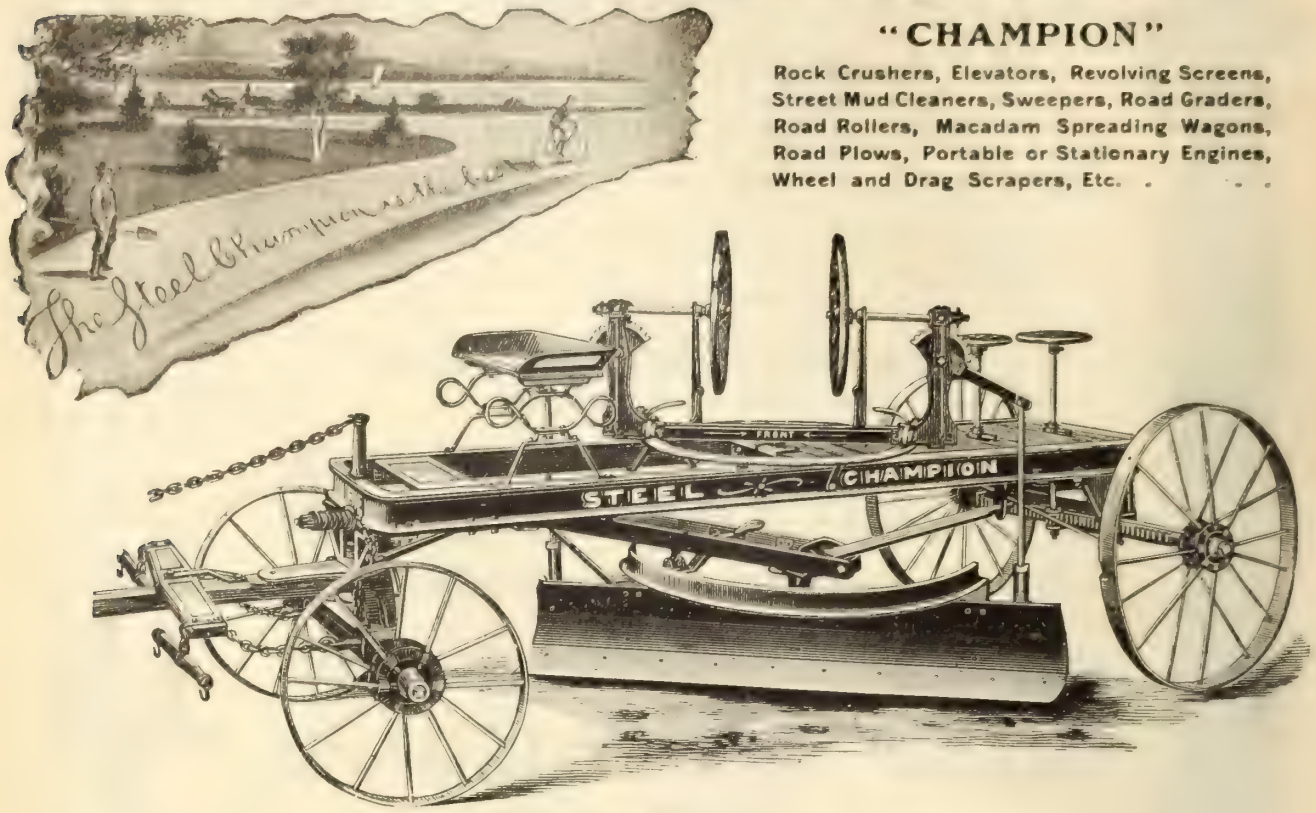

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	F.O.B. Milton, Ont.	F.O.B. Montreal.
Red No. 1	12 50	18 00
" 2	10 50	16 00
" 3	8 50	14 00
Buff No. 1	15 00	20 00
" 2	13 00	18 50
Brown	20 00	25 50
Roman Red	30 00	30 50
" Buff	30 00	33 50
" Brown	35 00	40 50
Hard Building	6 50	12 00
" Sewers	6 50	12 00
" Backing	6 00	11 50

Moulded and Ornamental from $2.00 to $5.00 per 100.
Terra Cotta String Courses and Frieze, from 50c. to $2.00 per ft. run.
Roofing Tiles, $20.00 per 1,000, $23.00 Montrea

BEAMSVILLE BRICK AND TERRA COTTA CO.

	F.O.B. Beamsville.	F.O.B. Montreal.
Red Peerless Facing	$15 00	$20 50
" No. 1	13 00	18 50
" No. 2	11 00	16 50
" No. 3	8 50	14 00
Brown Peerless Facing	20 00	25 50
" No. 1	18 00	23 50
Buff Peerless	20 00	25 50
" No. 1	18 00	23 50
" No. 2	15 00	20 50
Moulded and Ornamental Brick from $3 to $10 per C:		
Roman Red (Size 12 x 4 x 1½ in.).	28 00	33 50
" Buff " "	28 00	33 50
" Brown " "	34 00	39 50
Vitrified Paving Brick No. 1	18 00	23 50
" " " No. 2	15 00	20 50
Sewer	6 00	12 00
Roofing Tile	22 00	26 00

FIRE BRICK

TORONTO POTTERY CO.	F. O. B. Toronto Car lots	Less
Boyd	20 00 M.	25 00 M.
W. W. Co.	22 50 M.	27 50 M.
Savage Crown	28 50 M.	32 00 M.
Ramsay		30 00 M.

STONE.	Toronto.	Montrea
Common Rubble, per toise, delivered at building	13 50	11 00
Large flat Rubble, per toise, delivered	14 00	18 00
Foundation Blocks, per c. ft.	40	50
Granite (Stanstead) Ashlar, 6 in. to 12 in., rise 9 in., per ft.		25
Amherst Red Sandstone Amherst, N.S., per cub. ft. at quarry		40
Sackville, N.B, brown or red stone f. o. b. Quarries	45	45
Masillon	30	40
Myers-Northport Red or River Philip Gray Sandstones f.o.b. per cubic foot	75	65

	Toronto.	Montreal.
Stanstead granite paving blocks, 8 in. to 12 in. x6 in. x4½ in. per M		50 00
Granite curbing stone, 6x 20 in. per lineal foot		70
Buctouche Olive Freestone	85	65
Olive Sandstone (Indiantown, N. B)	80	70
Brown Sandstone (Sackville, N. B.	80	70
Moat red sandstone, per cu. ft.		60
Black Pasture buff stone per cu. ft.		50
Nova Scotia blue grey, per cu. ft.		65
Coursers, 6 to 8 in. f. o. b. St. Mary's. per cord		7 00
Footing, 6 to 10 in. per cubic ft.		15
Dimension Stone, f. o. b. St. Mary's, per cubic foot		35
Granite (Laurentian Pink) Ashlar, 6 to 2 in., rise 9 in., per c ft.		35
Dimension Stock Granite, (Laurentian Pink) for building purposes, per c. ft., f.o.b. quarries		40
Do., for polishing purposes, up to 2 tons weight, per cubic foot		70
	F.O.B. Halifax	
Dimension stock granite for building purposes, per cu. ft.		50
Do., for polishing purposes, up to 2 tons weight, per cubic ft.		1 00
Paving sets, per thousand block		60 00

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	F.O.B. Quarries.
Rubble, per ton	65
Brown Coursing, up to 10 per sup. yard	85
Brown dimension, per cub.	70
Grey coursing, per sup. yard	1 25
Grey dimension, per cub. ft.	50

ROMAN STONE.	F. O. B. Factory.
Sills, tooled scated and throated 35c. per lineal foot	
Hollow Block, 12-inch wall, per superficial foot	40
Window Heads and Ashlar, per superficial foot, 4-inch bed	40
String Courses, Molded and Ornamental, per lineal foot, 50c. to	2 00
Chimney Caps, $2 to	5 00

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Roofing (per *square*).		
red	20 00	20 00
purple	9 00	10 00
unfading green	10 00	11 00
black	9 00	9 00
Terra Cotta Tile, per sq	23 00	25 00
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Canadian (Packages, 350 lbs. net.):	Toronto.		Montreal	
Rathbun's Star	1 70	2 00	2 10	2 30
Trowel			1 85	1 95
Samson	1 75	1 85		
Magnet	1 55	1 65		
Monarch	1 80	1 90	1 80	1 90
Hercules	1 65	1 75		
Imperial		1 75		
Crescent 375 lbs. gross	2 30	2 40	1 95	2 05
Diamond 350 " "	2 20	2 30	1 85	1 95
"Giant" Brantford	1 75	2 00	2 00	2 50
American (in Bags):				
"Helderberg"			1 80	1 95
Alsen				2 25
Lehigh, in bbls., 375 lbs.		2 35	2 10	2 20
" cotton sacks, 350 net		2 00		2 00
" paper bags		2 10		1 85
"Iron Clad" in bags 350 lbs.			1 80	1 90
"Invicta" " " "			1 65	1 70
"Adirondack" " " "			1 50	1 65
Vulcanite (The Toronto Pottery Co., Limited. Toronto) 350 lbs. per bbl.				
In paper bags		1 80		
" wooden bbls		2 00		
" cotton bags		2 10		
English (in Barrels):				
Brook's Shoobridge Anchor	2 35	2 40	2 00	2 10
Belgian (in Barrels):				
"Josson"	2 60	2 70	2 20	2 30
"North's Condor	2 05	2 10	2 25	2 30
"White Cross"	1 90	2 00	1 75	1 80
Hammer			1 80	1 90
White Star	2 15	2 25	1 90	2 00
German (in Barrels):				
Alsen	2 65	2 95		2 40
Dyckerhoff	2 65	2 75		2 40
Hercules	2 25	2 35		2 15
Keene's Superfine "Whites"	10 00	12 00	8 50	9 00
Keene's Coarse "Whites"	6 50	7 00	4 50	5 00
Fire Bricks, Newcastle, per M	27 00	32 00	18 00	22 00
" Scotch "	28 00	33 00	19 00	23 00
Plaster Calcined, N.B.		1 70		1 60

(CORRECTED UP TO JANUARY 3RD

CANADIAN

Contract Record

A Weekly Journal of Public Works, Tenders, Advance Information and Municipal Progress

This Paper Reaches Every Week the Town and City Clerks, Town and City Engineers, County Clerks and County Engineers, Purchasers of Municipal Debentures and Leading Contractors in All Lines Throughout Canada

VOL. 15. TORONTO, MONTREAL AND WINNIPEG, JANUARY 11, 1905 No. 48

THE CANADIAN CONTRACT RECORD
PUBLISHED EVERY WEDNESDAY
As an Intermediate Edition of the Canadian Architect and Builder.
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TENDERS

Will be received at the office of the undersigned up till noon, January 19th, 1905, for all trades in the erection of a Gate Lodge at St. James Cemetery, Toronto.

DARLING & PEARSON, Architects,
Toronto, Ont.

TO CONTRACTORS

Tenders are invited up to 5 p. m. SATURDAY, 14TH INST, for the different trades work required in the construction of a Presbyterian Building at Deseronto, Ont. Plans and specifications may be seen at the residence of the Rev. P. J. Hartigan, Napanee, Ont., and at the office of the architect, Kingston, Ont.

H. P. SMITH,
Architect.
Anchor Building, Market Square.

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Foot of Berkeley St.,
Toronto, Ont.

TENDERS WANTED

Tenders will be received up till 5 o'clock, 14th OF JANUARY, 1905, for all Trades required in the erection of Brick Town Hall in the Village of Ailsa Craig.

Plans and specifications may be seen on and after MONDAY, THE 19TH, at the office of E. B. Smith, Ailsa Craig, or J. A. Humphris, St. Mary's.

The lowest or any tender not necessarily accepted.

E. B. SMITH,
Village Clerk, Ailsa Craig.

BRIDGE TENDERS WANTED

Tenders will be received by the undersigned on behalf of the County of Huron, at Wingham Post Office, Ont., until 5 o'clock p. m. on

Saturday, the 21st day of January, 1905

for the erection of the superstructure of the following steel bridges in the said county, viz.,

1st, One to be erected over the Eighteen Mile River on the Lake Shore Road in the township of Ashfield, about 2 miles south of Amberley, about 10 miles from G. T. R. station at Ripley. The bridge is to be of one span, 95 ft. clear between the abutments. Pratt truss, to be 18 ft. high of six panels. Roadway, 16 ft. wide, steel joists at 2 feet centres, floor of 3-inch Rock Elm or Tamarack. Wheel guards, 5x5 inches, of pine or cedar. Railing to be 4 ft high of 4 tiers of 1½ inch gas pipe, strength 120 lbs. per square foot of floor surface, and large safety factor; to be strong enough for concrete floor. About 30 ft. from bed of stream to floor, gravel bottom, little water. The bridge is to be completed on or before the 15th day of August next, 1905.

2nd—A steel bridge to be erected over the Nine Mile Creek, about 2 miles south of the village of Lucknow on the boundary line between the townships of West Wawanosh and Ashfield. It is to be of one span 60 ft. clear between abutments, truss 8 ft high. Roadway 16 ft. wide, steel joists at 2 feet centres, floor of 3-inch Rock Elm or Tamarack. Wheel guards 5x5 inches of pine or cedar. Railing to be 4 ft. high of 4 tiers of 1½ inch gas pipe, truss to be of 5 panels, strength 120 lbs. per square foot of floor surface, with large safety factor to be strong enough for concrete floor. About 10 ft. from bed of stream to floor, hard bottom. The bridge is to be completed on or before the 1st day of August, next, 1905.

3rd. A steel bridge to be erected over a branch of the Maitland river about 2½ miles east of the Village of Bluevale on G. T. R. It is to be of one span 110 feet clear between abutments Pratt truss 19 ft. high of 7 panels. Roadway, 16 ft. wide, steel joists of 2 ft. centres, floor of 3 inch Rock Elm or Tamarack. Wheel guards, 5x5 inches of pine or cedar. Railing to be 4 ft. high of 4 tiers of 1½ inch gas pipe. Required strength 120 lbs. per square foot of floor surface with large safety factor, to be strong enough for concrete floor. About 15 ft. from bed of stream to floor, hard bottom and little water, good place to erect. The bridge to be completed on or before the 1st day of September, next, 1905

4th—A steel bridge to be erected over the Bayfield river on the boundary line between the townships of Tuckersmith and Hibbert, about 3½ miles from G. T R. station at Seaforth, known as McCann's bridge. It is to be of one span 60 feet clear between the abutments, truss 8 feet high of 5 panels. Roadway, 16 ft. wide, steel joists at 2 ft. centres, floor 3 inches thick of rock elm or tamarack or a concrete floor. Railing, 4 ft. high of 4 tiers of 1½ inch gas pipe. Required strength 120 lbs. per square foot of floor surface, with safety factor 12 ft. from bed of stream to floor; hard bottom, little water. The bridge is to be completed on or before the 20th day of August, next, 1905.

Tenders must be accompanied by a marked cheque payable to the County Treasurer equal to 10 per cent. of the amount of tender. Should any party whose tender is accepted fail to execute the necessary contract and bonds and to give satisfactory security for the due fulfilment of the contract, the deposit accompanying the tender will then be forfeited to the County of Huron.

The deposits of unsuccessful tenderers will be returned.

The lowest or any tender not necessarily accepted.

JOHN ANSLEY,
Co. Com. for Huron County.
Wingham, Ont., Jan. 4th, 1905.

WANTED

Architectural Draughtsman, thoroughly competent to take charge of Toronto office. Good at designing and perspective. State experience and salary expected. Box 24, CONTRACT RECORD.

CONTRACTS OPEN.

HIGH RIVER, MAN. — Lane & Emerson intend building a new block here.

MUNSTER, ONT. — Wm. Tubman purposes building a brick house in the spring.

ALEXANDRIA, ONT.—The Council propose to issue debentures for $14,620.89.

VIRDEN, MAN.—A site has been purchased on which to build a new school.

STRATHCONA, N.W.T.—The town proposes to install waterworks and sewerage systems.

SANDWICH, ONT. — The Bishop Fur Co. will commence work at once on a new building.

LUMSDEN, N.W.T. — It is the intention of G. E. James to build a new residence in the spring.

LACOMBE, N.W.T.—It is probable that steps will be taken this year to install a waterworks system.

FORT ERIE, ONT.—The question of constructing waterworks and sewerage systems is under consideration.

LONDON, ONT. — The Parnell-Dean Steam Baking Co. will build an addition to their bakery on Bruce street.

TILSONBURG, ONT.—It transpires that the by-law to give a bonus to the Woodstock Wind Motor Co. was defeated.

IRON BRIDGE, ONT.—Plans have been prepared and tenders invited for a new school to be built here, probably of concrete.

TORONTO JUNCTION, ONT.—The question of building a Carnegie library here will likely be taken up at an early date.

PELEE ISLAND, ONT. — Wm. Stewart will receive bids up to January 28th for the purchase of $800 5 per cent. debentures.

STRATFORD, ONT.—J. A. Cline, upholsterer, Ontario street, will probably erect a new factory during the coming summer.

ST. ANDREWS, N. B. — A public meeting will be held on January 16 to consider the question of installing an electric light plant.

CORNWALL, ONT.—James Leitch,

Chairman High School Board, will receive tenders up to Monday, 16th inst., for alterations to the present school building.

MEDICINE HAT, N.W.T. — It is understood that the Dominion Government will build a new post office and customs house here.

MONCTON, N.B.—B. E. Smith is negotiating with the W.C.T.U. for the purchase of their property with a view to erecting a brick block on the site.

KINGSTON, ONT. — Although the Okill street sewer by-law was defeated, the work will be proceeded with and the money taken out of current revenue.

PORT ARTHUR, ONT. — It is probable that the new Council will consider the installation of another power plant on the Current river.

WOODSTOCK, ONT. — It is now stated that the by-law granting a loan to the Eureka Planter Co., of Windsor, Ont., was carried, instead of being defeated as at first reported.

ST. THOMAS, ONT.—Bids will be received by O. P. Surrey, City Treasurer, up to Wednesday, February 15, for the purchase of $200,000 4½ per cent. debentures.

BRODHAGEN, ONT.—Bids will be received by Francis Jacob, Township Clerk of Logan, up to Friday, 20th inst., for the purchase of $6,500 4 per cent. debentures.

LADYSMITH, B. C.—It is understood that the Esquimalt and Nanaimo Railway Co. will build modern foundry and machine shops on Haslam Flat, four miles north of this place.

ST. JOHN, N.B.—Raymond & Doherty, proprietors of the Royal Hotel, have purchased a large building on Germain street which they will remodel and enlarge for the purposes of sample rooms.

GALT, ONT. — The Sewers Committee have decided not to accept the tenders received for the construction of Section No. 2 of the lateral sewers, they being in excess of the engineer's estimate.

PORTAGE LA PRAIRIE, MAN.—R. P. Campbell has disposed of property on Saskatchewan ave. having 43 feet frontage to an eastern implement firm, who will erect a brick block on the site.

HULL, QUE. — The City Engineer has been instructed by the City Council to prepare estimates for an electric plant for furnishing street and commercial lighting.

DOMINION CITY, MAN. — The Pocock Power Co. have submitted a proposition to the Council to light the municipality from a power plant to be installed on the Roseau river.

ST. THOMAS, ONT.—Norsworthy & Co. intend increasing their foundry plant next spring. — The St. Thomas Brass Co. purpose building an addition to their works, to be 40 × 60 feet.

QUEBEC, QUE. — The Lake St. Joseph Hotel Co. are formulating their plans for the building and equipment of the proposed hotel. J. G. Scott and Harold Kennedy are directors of the company.

GLACE BAY, N.S.—The Dominion Government voted $25,000 to re-open the harbor, repair wharves, etc. The wharves have been repaired, but the erection of shipping piers are still matters for consideration.

ST. JOHN, NFLD.—It is announced that Sir Alfred Harmsworth, of the London Daily Mail, has closed a deal with the Newfoundland Government to establish pulp and paper mills costing upwards of $3,000,000.

SAULT STE. MARIE, ONT.—The Algoma Conper Range Railway Company is being organized to build a mining railway from Birch-vauning, on Lake Superior, to Aubrey Falls, a distance of about 75 miles.

WESTMOUNT, QUE.—The special water committee of the Council have reported in favor of renewing the contract for a water supply with the Montreal Water & Power Co. on condition that they install a filtration system.

OWEN SOUND, ONT. — The by-law granting exemption from taxation to the Carney Lumber Co., to assist them in building a saw mill, was carried by the ratepayers on January 2nd. The bridge and dock by-laws were defeated.

FORT WILLIAM, ONT.—It is said that an extensive addition will be made to the tank section of the King cleaning elevator. — The Town Council propose to raise $5,000 for fire protection purposes, es, including the purchase of a new hook and ladder truck.

PORT HOPE, ONT. — The Presbyterian congregation have decided to build a new church here, after the plan of the new Presbyterian church at Mitchell. It will be of pressed brick and stone, with towers. Particulars may be obtained from J. F. Clark.

MOOSE JAW, N.W.T.—The Moose Jaw and Edmonton Railway Company will make application to the Dominion Government for incorporation, with power to construct a railway from Moose Jaw to Edmonton. McGiverin & Haydon, of Ottawa, are solicitors for the applicants.

SARNIA, ONT.—It is said that the Grand Trunk Railway Co. are taking tenders for the substitution of electricity for steam power in the tunnel here. The plans call for the erection of a power house on the company's property on the banks of the St. Clair river.

VANCOUVER, B. C. — M. Grossman has purchased two lots on Pender street, between Abbott and Carrall streets, on which he intends building a warehouse. — C. J. Weeks has purchased Lot 5 on Pender street on which he will build in the near future.—T. F. McGuigan, City Clerk, desires tenders by Monday, 23rd inst., for supply of cast iron pipe.

FREDERICTON, N.B. — The City Council have not yet reached a decision regarding the advisability of installing an electric plant for lighting the municipal buildings.—C. H. LaBillois, Commissioner of Public Works, will receive tenders up to Monday, January 16, for rebuilding St. Augustine bridge over the Middle Branch Barnaby River, Northumberland County.

GRONDINES, QUE. — F. Gelinas, Secretary Department of Public Works, Ottawa, is asking for tenders up to Friday, January 27, for the enlargement of the wharf here. Plans at the office of the Clerk of Dominion Public Works, Quebec, the Department of Public Works, Ottawa, and on application to the Postmaster here. Cheque for $1,800 to accompany each tender.

VICTORIA, B.C.—Tenders are in for the construction of the C.P.R. hotel in this city, but it is improbable that the contract will be awarded before a week or ten days. The building will be an eight-storey stone structure.—The Capital City Packing & Canning Co. purpose building a cannery in Esquimault. They have also in contemplation three traps, all of which will be constructed next spring.

HAMILTON, ONT. — A. C. Havill has purchased 31 feet of land on Bold street, near James, on which to build a residence. — Henry New has purchased 120 feet frontage on King street and 130 feet on Main street, adjoining the G.T.R. station. It is reported that he intends building a warehouse and factory on the site.—It is understood that Trebles, Limited, propose a further addition to their store at corner of King and James street.

NIAGARA FALLS, ONT. — E. D. Pitt, architect, is asking for tenders up to January 25th for the erection of a brick veneer residence on Peer street for Herman R. Misener. Contracts will be awarded about February 15.—The Canadian Shredded Wheat Company of Ontario, Limited, will establish a large plant here for making the shredded wheat products.

OTTAWA, ONT. — H. C. Stone, architect, of Montreal, has prepared plans for a new building to be built on Slater street, this city, by Woods, Limited. The new building will be 70 x 200 feet and 7 stories high.—D. Ewart, Chief Architect of the Department of Public Works, is preparing plans for vaults for the storing of gold.—The Government propose to add another flat to the Commons and Senate buildings, and there is talk of building a northerly addition to the west wing.

EDMONTON, N. W. T.—Only two tenders were considered by the Council for the construction of the west end water works and sewer extensions, as follows: F. Fry, $44,975; City Engineer, $31,585. The contract has not yet been awarded for either construction or for supply of materials, and it is probable that new tenders will be invited. — H. Williams is organizing the Egg Lake Oil Co. for the purpose of acquiring and developing property in the Egg Lake district, about thirty miles northwest of this town. — The Calgary and Edmonton Railway Co. are seeking power from the Legislature to issue $1,000,000 of bonds for the construction of a high level bridge over the Saskatchewan river, between Edmonton and Strathcona.—The Edmonton, Yukon & Pacific Railway Co. want an extension of time for commencing their road.

MONTREAL, QUE.—Castle & Son, 20 University street, have acquired the properties at 2446 St. Catherine street and 79-81 Drummond street, which they will remodel and utilize for their stained glass works. — The Montreal Street Railway Co. have arranged for the expenditure of $500,000 during the present year in securing and distributing additional power and making improvements over the system. Three sub-stations will be built at different terminals.—Smith, Markey, Montgomery & Skinner, of this city, are seeking incorporation for the Athabasca Northern Railway Co., to construct a railway from Edmonton to Athabasca Landing, N. W. T. — A. E. Dunlop, architect, is preparing plans for the new building to be built by C. W. Lindsay, Limited, on the site recently purchased on St. Catherine street, near Peel.—It is the intention of N. Valquette to erect a five-storey factory facing St. Andre street and extending to St. Catherine street.

WINNIPEG, MAN.—Darling, Pearson & Over, architects, are preparing plans for a new rectory for Holy Trinity parish, brick, cost about $10,000.—It is understood that the authorities of the German Lutheran church will rebuild in another part of the city.—Alderman J. G. Latimer has purchased 200 feet on the east side of Furby street, near Ellice ave., and, it is understood, intends erecting a terrace of modern houses early next spring.—Minneapolis parties are reported to have purchased 25 feet frontage on Pembina street, on which to build a planing mill.—F. Morton Morse, of the Street Railway Co., has purchased 200 feet on Wellington Crescent, opposite St. Mary's Academy, and will build a red

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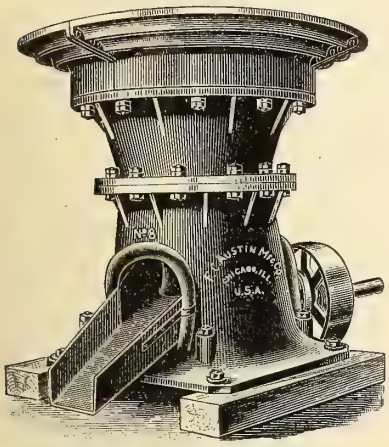

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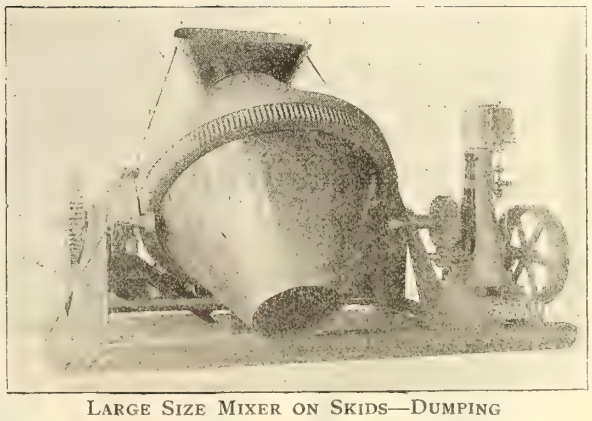
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brick residence in the spring. — Dr. S. C. Corbett recently purchased 180 feet on Central ave., Armstrong's Point, and it is said to be his intention to erect a residence on the property early next spring. —The southwest corner of Logan and Patrick streets recently changed hands, and it is understood that the purchaser, whose name has not been learned, will erect a fine store early this spring.—The report that the contract for the double tracking of the C.P.R. between Winnipeg and Fort William has been let is denied by Mr. Whyte, second vice-president of the company.—Cecil Goddard, town engineer of St. Boniface, is preparing plans for a combined fire hall and police station to be built at the corner of Horace ave. and St. Joseph street. It will be equipped with a chemical engine of the latest pattern.—The Lebonk and Thunder Bay Railway Company is seeking incorporation, to construct a railway from a point on Thunder Bay northerly to the Lebonk mine, in Township of McTavish, thence westerly to the south shore of Loon Lake. T. L. Metcalf, of this city, is solicitor for the applicants.—Tenders are being invited for the erection of a large addition to St. Boniface College, work on which will commence early in the spring.—The City Engineer has reported that a sewer on Corydon avenue, from Lilac street to Cambridge street, and on Jessie avenue and Lilac street, will cost $39,000, and that an asphalt pavement on Corydon ave., from Cambridge street to Pembina street, will cost $70,000. The works will be advertised.—The City Clerk will receive tenders up to January 24 for the supply of four carloads of tamarac piling.

TORONTO, ONT. — The Bank of Nova Scotia have purchased the northwest corner of Brock ave. and Dundas street and will, as soon as possible, erect a substantial bank building on the site.—The Standard Loan Co. have disposed of the Yonge street Arcade to an American company, who will probably make extensive alterations. — Darling & Pearson, architects, are taking tenders up to the 19th inst. for the erection of a gate lodge at St. James' Cemetery. — R. Anderson & Co., machinists, 111 Adelaide street west, intend building a new two-storey machine shop on the corner of Farley ave. and Esther street. — S. G. Curry, architect, has completed plans for extensive alterations to the custom house. They have been forwarded to Ottawa and it is expected that the work will be proceeded with at an early date. — The City Engineer has asked the Board of Control for permission to advertise for tenders for a hydraulic dredge, to be used on the island improvements next season. — The Alumni Association of the University of Toronto, are anxious to proceed with the erection of a convocation hall this year. Some $50,000 has been raised by subscription and the Government has promised an additional $50,000, while the plans for the hall as proposed call for an expenditure of about $150,000. — Plans of the proposed subway under the G. T. R. and C. P. R. tracks at Lansdowne ave. have been forwarded by the City Engineer to Ottawa for approval.—Building permits have been granted as follows: Jas. Henderson, K.C., two-storey and attic brick and cut stone dwelling, 54 Madison ave., cost $10,000; Walter Nash, six 2½-storey brick dwellings, south side Galley ave., near Rondesvalles, cost $11,400; Canada Metal Co., new steel and cement floor to building, 25-31 William street, cost $1,000; George Rennie, 2½-storey brick dwelling, 32 Russet ave., cost $1,800; Harry Love, pair two-storey and attic brick and roughcast dwellings, north side Smith street, near Logan ave., cost $2,800; Frank Darling, two-storey brick and stone addition to dwelling, 11 Walmer road, cost $1,000; J. D. Farquhar, five two-storey brick and roughcast dwellings, Gildersleeve ave., near Sumach street, cost $6,500; Baxter Advertising Co., alterations to brick store at south-east corner Yonge and Adelaide streets, cost $4,000; E. W. Trent, two-storey roughcast dwelling, Eastern ave., near Pape, cost $1,500; Gordon Osler, alterations to brick and stone dwelling, 6 Rosedale road, cost $3,000; Francis C. Jones, two two-storey brick veneered additions to dwellings, Blank street, near Dufferin, cost $3,000.—It is understood that the owner of the Elliott House is considering plans for increased accommodation, and it is rumored that a new hotel will be built on the opposite corner of Church and Shuter streets.—Ald. Vaughan has given notice of motion in council to request the city engineer to furnish an estimate of the cost of connecting Queen's wharf with the Western Island sand-bar by a swing bridge.—At a meeting of the York Township Council on Monday last, P. S. Gibson & Sons, township engineers, were instructed to advertise for tenders for a bridge over the creek near Somerville ave.

FIRES.

Sydney Hotel at Sydney, N. S., owned by E. LeRoi Willis, damaged to the extent of $5,000. — Warehouse at Chipman, N. B., owned by Sayre & Holly, of

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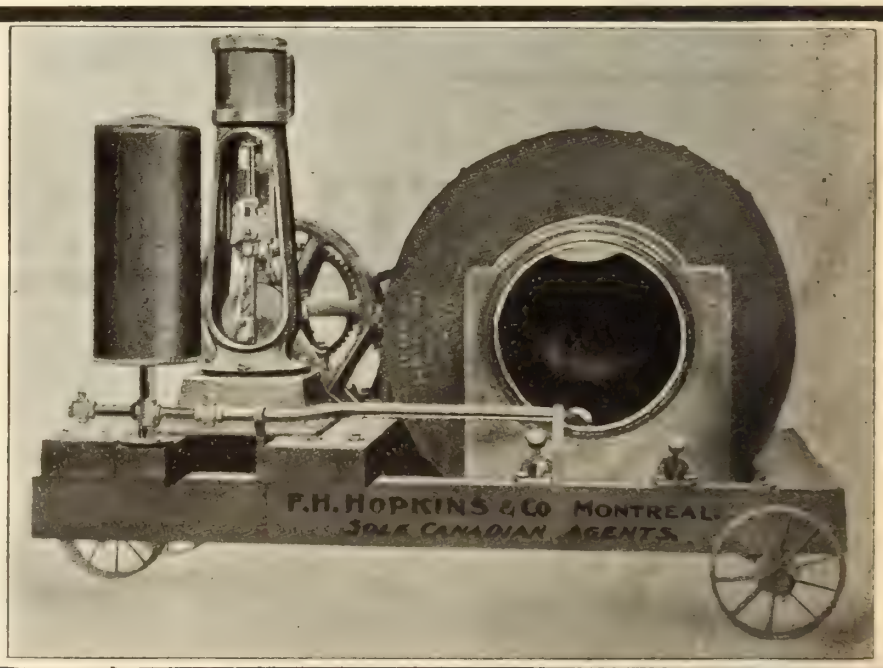

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St. John, totally destroyed ; loss $25,000. — Factory of the Canada Carriage Co. at Brockville, Ont., totally destroyed ; loss $200,000.—Moulding shop of the London Brass Co., 34 Carling street, London, Ont., damaged to extent of $2,500.—Bishop Fur Co.'s plant at Sandwich, Ont., almost totally destroyed ; loss $20,000.

CONTRACTS AWARDED.

GIBSON, N.B.—The Water Commissioners have awarded the contract for masonry for the new reservoir to George Miles.

PRINCE ALBERT, N. W. T. — The contract for building a post office here has been awarded to Lamoine & Fortin, of Pembroke, Ont., price $80,000.

SYDNEY, N. S.—Heyl & Patterson, of Pittsburg, have secured the contract to install an additional electric crane in the washing plant of the Dominion Iron & Steel Co.

STRATHROY, ONT. — Frank Gutteridge and H. Edge, of Seaforth, have been awarded the contract for the erection of a bank building here for the Canadian Bank of Commerce.

TORONTO, ONT. — The Jones & Moore Electric Co. have been given the contract to install two 500 light dynamos, direct connected to Robb engines, in W. A. Murray & Co.'s departmental store.

PORT COLBORNE, ONT. — The Dominion Government have awarded the contract for the foundations of the proposed elevator here to Larkin & Sangster of St. Catharines, price about $200,000.

DUNNVILLE, ONT.—The contract for erection of House of Refuge for the county of Haldimand, to be located here, has been let to J. E. Cutler and M. Vanderburgh, of Welland, the contract price being $17,500.

FREDERICTON, N. B —The Commissioner of Public Works has awarded contracts to William Brewer for construction of the Munro bridge, McCallum Creek bridge, Forest City bridge and Five Mile Brook bridge, all in York county.

MONTREAL, QUE.—The Canadian General Electric Co. have secured the contract to install a turbine power plant for the Canada Car Co. of this city.—The James Smart Manufacturing Co., of Brockville, have secured the contract for heating and ventilating the new East End Methodist church in this city. Three Kelsey generators will be used.

BIDS.

GALT, ONT. — Three tenders were received for the construction of Section No. 2 of the lateral sewers, as follows : J. F. Connolly, Toronto—For complete work, $14,500 ; storm drains, $2,500 ; house connections, $1.90 per foot ; street gulleys, $40 each ; connections, $1.50 per foot ; rock excavation, $2.50 per cubic yard. Thomas Fletcher, Galt—Complete work, $14,910.65; storm drains, $2,513 70; house connections, $1.75 per foot ; street gulleys, $45 each. Thomas McLaughlin —Work complete, including storm drains, $16,251 ; house connections, $2 per foot ; street gulleys, $35 each ; rock excavation, $3.16 per cubic yard. The engineer's estimate was $11,615 for the work complete and $2,890 for the storm drains. It is probable that new tenders will be invited.

U. Cyr & Fils, painters, St. Henri, Que., have dissolved.

BUSINESS NOTES.

The death is announced of Paul Breton, sr., contractor, Quebec.

Connery & Richardson, builders' suppliers, Winnipeg, have dissolved.

Jones & Henry, painters, Montreal, have dissolved, R. E. Jones continuing.

The dissolution is announced of A. Rousseau & Company, builders, Montreal.

H. Smith will continue the business carried on by Reid & Smith, painters, Winnipeg.

A demand of assignment is reported to have been made upon Arthur Chatelle, contractor, St. Henri, Que.

Octave Plant & Fils, plumbers, of Quebec, are announced to have assigned, with assets of $1,390 and liabilities of $2,770.

C. G. H. Chamberland & Company, painters, Montreal, have dissolved and the business will be continued by C. G. H. Chamberland.

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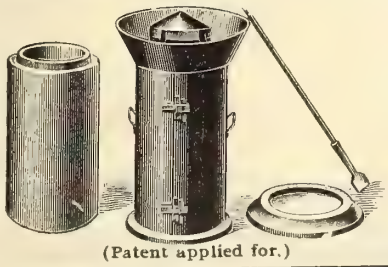
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NEW COMPANIES.

Canadian Ammunition Company, Limited, Montreal, incorporated, capital $500,000. L. A. Boyer, H. D. Anthier, J. E. Larcau and others.

Dominion Textile Company, Limited, Montreal, incorporated, capital $10,000,000, to acquire and operate cotton and woollen manufactories. David Yuile, Hon. L. J. Forget, David Williamson, all of Montreal, and others.

Western Salt Company, Limited, Mooretown, Ont., incorporated, capital $100,000. Directors, D. A. Gordon, of Wallaceburg; S. C. McLouth, of Marine, City, Mich.; R. C. Vaughan, of Toronto, and others.

Toronto Gas & Gasoline Engine Company, Limited, Toronto, incorporated, capital $300,000. Directors, J. Laishley, L. C. Laishley, R. B. Dargabel and H. H. Milburn, of Toronto, and Robert Hunter, of Toronto Junction.

Ross-Taylor Company, Limited, Exeter, Ont., incorporated, capital $30,000, to carry on business as lumber merchants and to do a general planing mill and saw mill business. Directors, D. A. Ross, John Taylor, and J. R. Hind.

Universal Spring Motor Company, Limited, Toronto, incorporated, capital $250,000, to manufacture motors, etc. Directors, G. H. Campbell, W. B. Bentley, W. J. Johnson, L. F. Ashton, and Simon Metcalfe.

Consumers Box & Lumber Company, Toronto, incorporated, capital $100,000. Directors, J. B. Miller, John McClelland, Frank Sully, W. B. Tindall and H. T. Cannifl.

Canadian Barcalo Manufacturing Company, Limited, Welland, Ont., incorporated, capital $40,000, to manufacture metal beds, bed springs, mattresses, etc. Directors, E. H. Barcalo and U. L. Candell, of Buffalo, and others.

Commercial Oil Company, Limited, Hamilton, Ont., incorporated, capital $100,000, to manufacture and sell oil and lubricants of all kinds. Directors, James C. Person, W. J. Morrison, G. L. Person, Chester Goring, and William C. Person.

Nipissing Mining Company, Limited, Toronto, incorporated, capital $250,000. Directors, E. P. Earle, of New York; David Fasken and Harper Armstrong, of Toronto.

BUILDING SUPPLIES.

There is but a light movement of building supplies, as the cold weather and heavy fall of snow have caused a cessation of building operations. There is some inquiry for cement for future delivery, the present low price being an inducement to purchase for spring requirements. Although no material change has taken place as yet, indications favor an advance. For delivery at Toronto Portland cement is quoted at $1.70 per barrel. An advance in glass is also expected on account of the strike in Belgium, which is still in progress.

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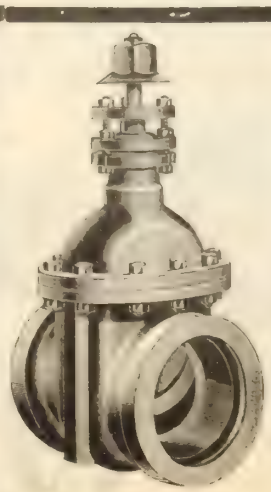
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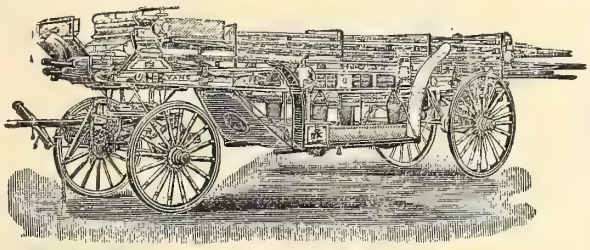

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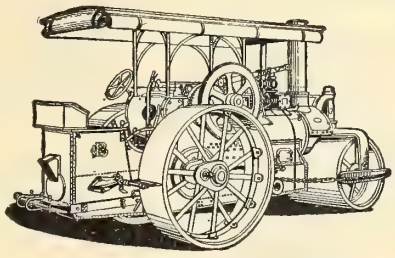

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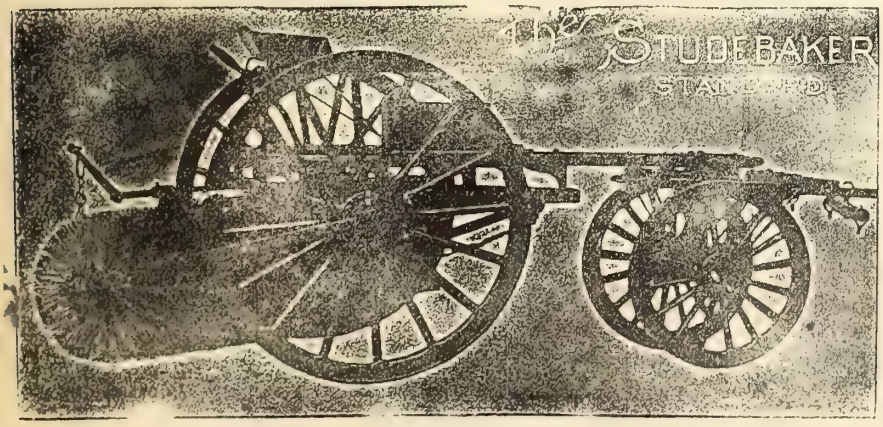

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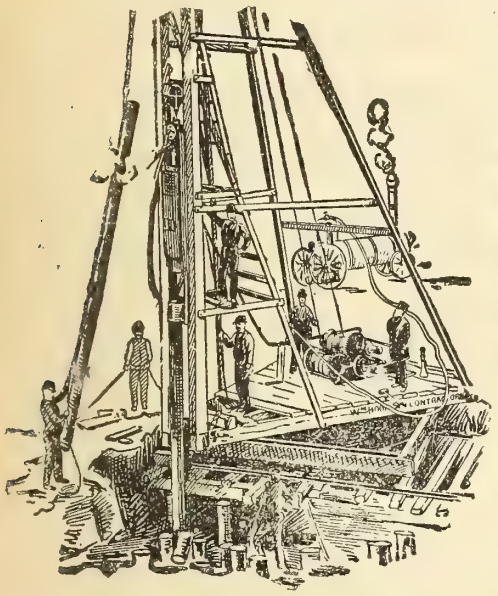

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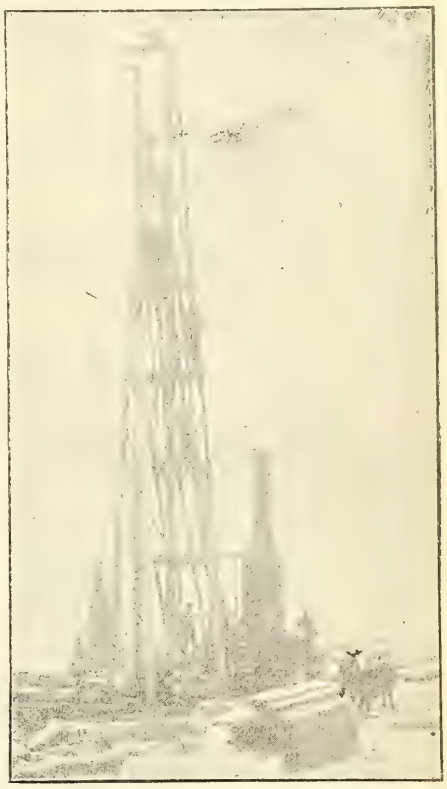

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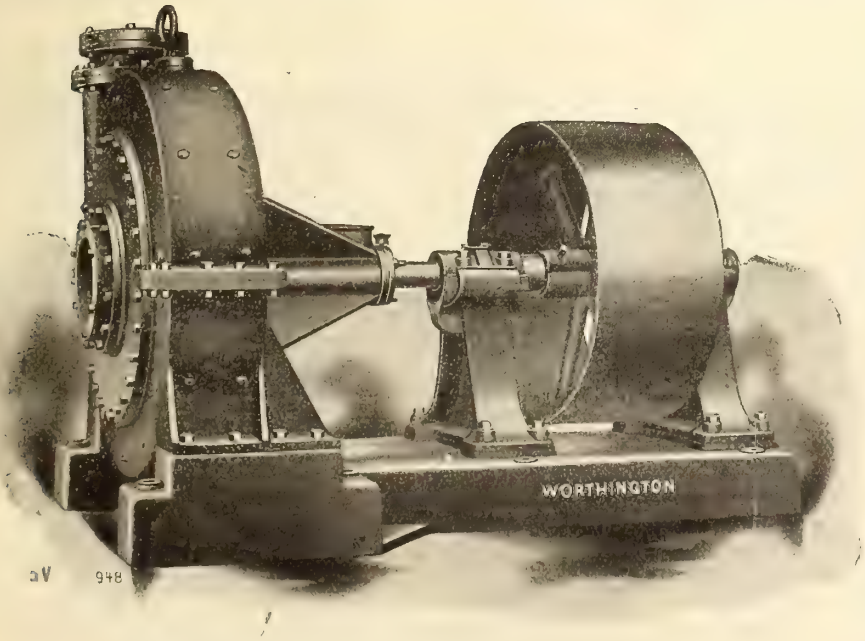

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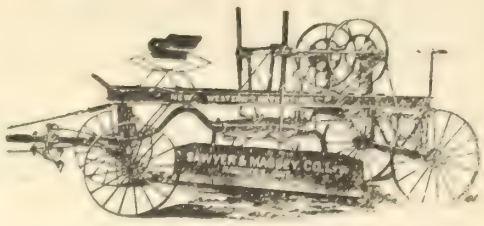
"The village is a large one, having a population of about 2,000 ; the higher portion has for some considerable time possessed a system of sewerage by water carriage, but to similarly sewer the lower portion was found to be impossible, having regard to the large expenditure of water which would be found necessary for the copious flushing required owing to the peculiar basin-like formation of the district.

"After considerable inquiry the council decided to adopt the Liernur system, which may be described as a vacuum system of collection. As far as possible the sewage is conveyed to the works by gravitation, and a considerable portion of the liquid part of the sewage flows to the works by this means. For the carriage of the remaining portion, including that from the lower part of the village, vacuum suction is employed. At Stansted from the central pumping station a tubular sewage network of 4-in. cast-iron pipes leads to the streets. A vacuum is created in the cylinder at the station by means of a vacuum pump, and the whole bulk of the sewage is brought to the station without the addition of flushing water, so that the bulk of the sewage is not increased by extra water. By means of the suction a great velocity is attained in the sewers, from 10 ft. to 15 ft. per second.

"This air velocity, it is claimed, gives absolute security against stoppages, and in this way manholes, inspection chambers and overflow arrangements are done away with, besides which there is economy in construction of the works. At Stansted the quantity of sewage dealt with is about 10,000 gallons per day, and the whole system of the conveyance of the sewage lasts only ten minutes. There has to be no special provision for storm waters, as there is a separate system of drains for surface water.

"The discharge syphon is moved periodically, so that there can be no stagnation in the sewer. It could be emptied twenty times a day, if required, as it is done automatically. The cost comes to under 1s. per head of the population per annum. By this vacuum suction system the whole of the sewers are also cleansed and filled with pure air every day, or as often as desirable, and from the starting of the gas engine the complete service of system over the whole network of street



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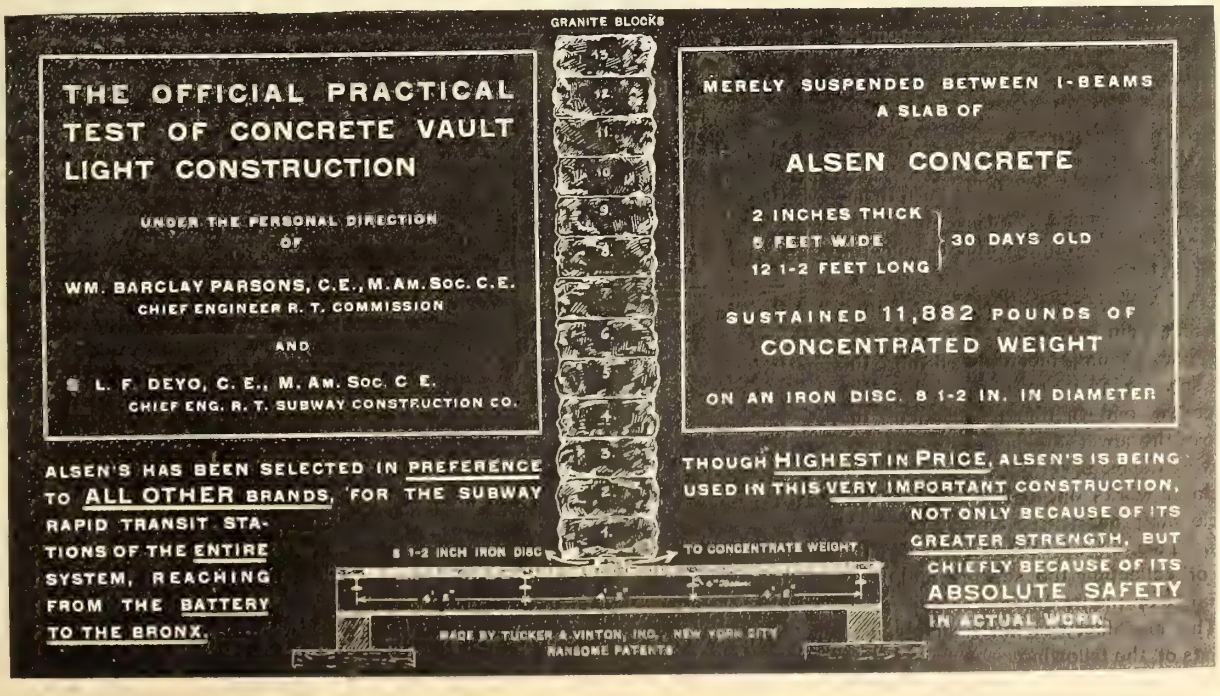

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"It is stated that a saving in construction is affected, compared with the ordinary sewerage systems, by the small amount of excavation required, the absence of flushing chambers, manholes, ventilating columns, etc., and the small diameter of the pipes laid down.

"The economy in working expenses arises mainly from the fact that at the pumping station the quantity of sewage received is kept at the lowest possible limit for discharging into the high level gravitation sewer, and this is effected without prohibiting the use of water for flushing the closets, sinks, etc. Stoppages are said to be infrequent, and can soon be remedied and at little cost. No fall or incline of the ground is necessary for this system, but is used where available.

"As to the cost of the installation at Stansted, the figures given by the secretary of the English syndicate show that the actual capital cost is below £2 per head for 1,000 people, that number being now actually connected to the system at Stansted. The present installation will serve three times the population, and the actual plant at the pumping station would serve probably six times. They are able to draw the whole of the sewer gases to the pumping station, and there burn them, and also by the same means ventilate and purify the sewage tank, which adjoins the pumping station.

As to the working expenses, the actual cost comes out between 10d. and 1s. per head per annum, including lifting the total sewage 35 ft. to high-level sewer. The cost of one suction for cleaning the whole of the sewers and house connections, removing deposits, sewage, noxious gases, etc., in all works out at 10d., that is 10d. for cleaning out nearly 2 miles of sewer pipes. This figure of 10d. includes the cost of collecting the sewage and of its discharge on the irrigation fields.

"The machinery is fairly simple, and consists of the following A boiler plate vacuum reservoir (with a capacity of about 2,800 imp. gal.), a gas engine, 8 h.p., a vacuum pump of three-quarters h.p., and a lifting pump, for pumping the sewage to the high-level sewer. Adjoining the pumping station is the storage tank, with a capacity of 30,000 gal., which represents the quantity of sewage estimated to be delivered in three days.

"The Liernur system of collection assists in the final disposal by delivering at the works a sewage which has been thoroughly broken up by the violence of its conveyance. It must be undoubtedly a great factor in the successful disposal of sewage, whatever method may be employed, bacterial, chemical, or treatment over land, if a sanitary committee and their engineer can depend on the unvarying quantity and quality of the sewage delivered at the outfall, and these advantages seemed to be secured by the Liernur pneumatic sewerage system.

"The sewage having been pumped into the high-level sewer is conveyed by gravitation to the sewage farm, 1 mile southwest of the village; the land covers an area of about 3 acres, and has a subsoil of light loam and gravel; mangels and osiers are grown, £50 per annum having been obtained in one year by the sale of the former. The effluent is conveyed on to a pasture about 5 ft. above water-level, ultimately finding its way into the river Lea."—Engineering Record.

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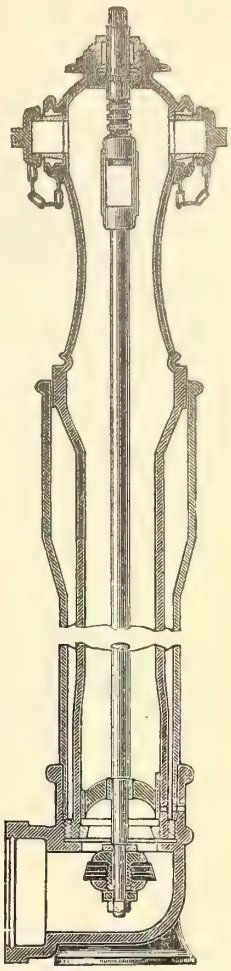

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JAMES. THOMSON, President. J. G. ALLAN, Vice-President. JAMES. A. THOMSON, Secretary. JOHN GARTSHORE, Treasurer.

THE GARTSHORE-THOMSON PIPE & FOUNDRY CO.
LIMITED.

Manufacturers of

Flexible and Flange Pipe, Special Castings and all kinds of Waterworks Supplies

CAST IRON PIPE

3 inches to 60 inches diameter.

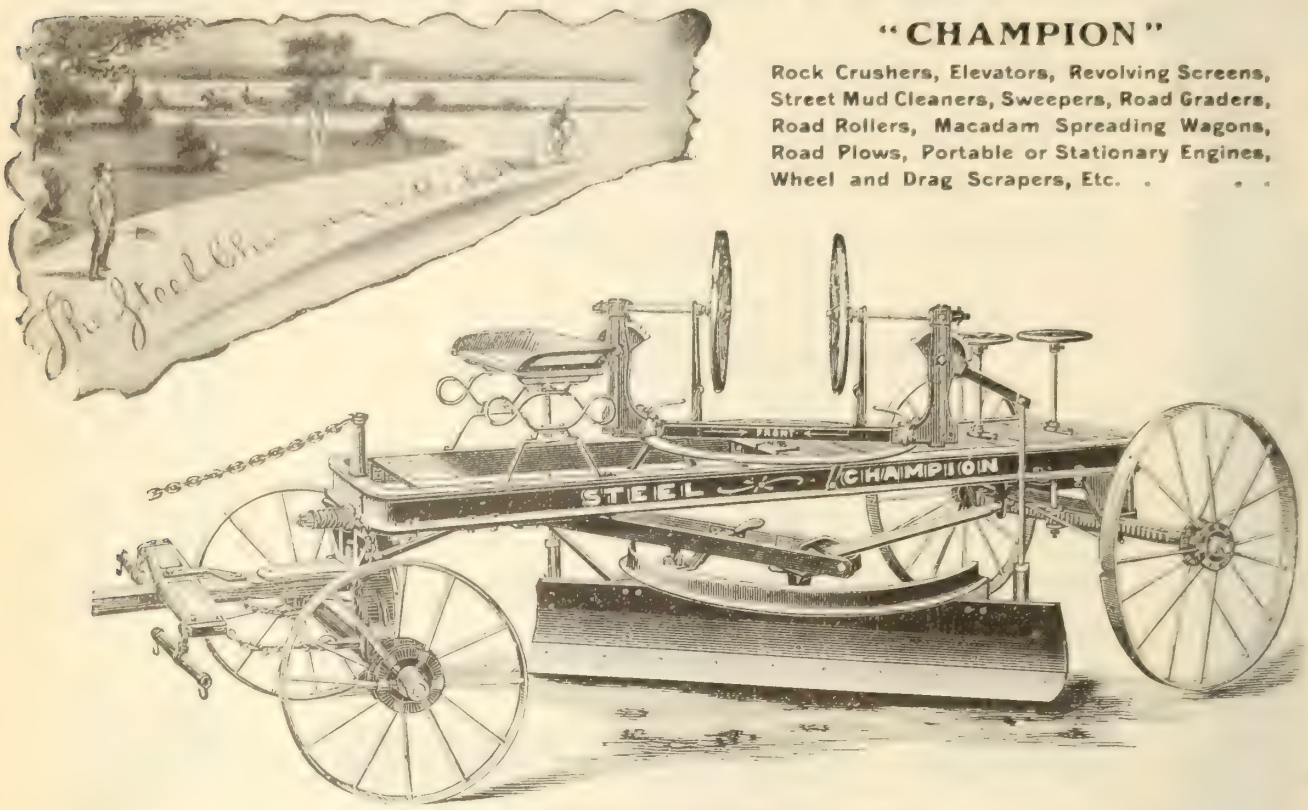
For Water Gas, Culvert and Sewer

HAMILTON, ONT

THE GOOD ROADS MACHINERY COMPANY, LIMITED, Hamilton, Canada

The Steel "CHAMPION" Reversible Road Machine

The Simplest, Strongest and Best. Don't it look it? Built for service. A strictly High-Grade Road Machine



"CHAMPION"

Rock Crushers, Elevators, Revolving Screens, Street Mud Cleaners, Sweepers, Road Graders, Road Rollers, Macadam Spreading Wagons, Road Plows, Portable or Stationary Engines, Wheel and Drag Scrapers, Etc.

The Steel "CHAMPION" is the King of Graders.

All mechanics agree that the simpler the machine the more valuable it is. In complicated machines look out for trouble and expense.

Send for latest printed matter and our 1905 Calendar to

Good Road Machinery Company, Limited,

JOHN CHALLEN,
President and General Manager.

Address—Late Killey Beckett Works, 144 York Street, HAMILTON, ONT.

Prices of Building Material

(Continued from page 12)

TORONTO PRESSED BRICK AND TERRA COTTA WORKS

	F.O.B. Milton, Ont.	F.O.B. Montreal.
Red No. 1	12 50	18 00
" 2	10 50	16 00
" 3	8 50	14 00
Buff No. 1	15 00	20 00
" 2	13 00	18 50
Brown	20 00	25 50
Roman Red	30 00	30 50
" Buff	30 00	35 50
" Brown	35 00	40 50
Hard Building	6 50	12 00
" Sewers	6 50	12 00
" Backing	6 00	11 50

Moulded and Ornamental from $2.00 to $5.00 per 100.
Terra Cotta String Courses and Frieze, from 50c. to $2.00 per ft. run.
Roofing Tiles, $20.00 per 1,000, $23.00 Montrea

BEAMSVILLE BRICK AND TERRA COTTA CO.

	F.O.B. Beamsville.	F.O.B. Montreal.
Red Peerless Facing	$15 00	$20 50
" No. 1	13 00	18 50
" No. 2	11 00	16 50
" No. 3	8 50	14 00
Brown Peerless Facing	20 00	25 50
" No. 1	18 00	23 50
Buff Peerless	20 00	25 50
" No. 1	18 00	23 50
" No. 2	15 00	20 50
Moulded and Ornamental Brick from $3 to $10 per C:		
Roman Red (Size 12 x 4 x 1½ in.)	28 00	33 50
" Buff " " "	28 00	33 50
" Brown " " "	34 00	39 50
Vitrified Paving Brick No. 1	18 00	23 50
" " " No. 2	15 00	20 50
Sewer	6 00	12 00
Roofing Tile	22 00	26 00

FIRE BRICK

TORONTO POTTERY CO.	F. O. B. Toronto Car lots	Less
Boyd	20 00 M.	25 00 M.
W. W. Co.	22 50 M.	27 50 M.
Savage Crown	28 50 M.	32 00 M.
Ramsay		30 00 M.

STONE.	Toronto.	Montrea
Common Rubble per toise, delivered at building	13 50	11 00
Large flat Rubble, per toise, delivered	14 00	18 00
Foundation Blocks, per c. ft.	40	50
Granite (Stanstead) Ashlar, 6 in. to 12 in., rise 9 in., per ft.		25
Amherst Red Sandstone Amherst, N.S., per cub. ft. at quarry		40
Sackville N B, brown or red stone f. o. b. Quarries	45	45
Masillon	50	4
Myers-Northport Red or River		

	Toronto.	Montreal.
Philip Gray Sandstones f.o.b. per cubic foot	75	65
Stanstead g (e paving blocks, 8 in. to 12 in. x6 in. x4½ in. per M		50 00
Granite curbing stone, 6x 20 in. per lineal foot		70
Buctouche Olive Freestone	85	65
Olive Sandstone (Indiantown, N B)	80	70
Brown Sandstone (Sackville, N. B.	80	70
Moat red sandstone, per cu. ft.		60
Black Pasture buff stone per cu. ft.		50
Nova Scotia blue grey, per cu. ft.		65
Coursers, 6 to 8 in. f. o. b. St. Mary's. per cord		7 00
Footing, 6 to 10 in. per cubic ft.		15
Dimension Stone, f. o. b. St. Mary's, per cubic foot		35
Granite (Laurentian Pink) Ashlar, 6 to 2 in., rise 9 in., per c ft.		25
Dimension Stock Granite, (Laurentian Pink) for building purposes, per c. ft., f.o.b. quarries		40
Do., for polishing purposes, up to 2 tons weight, per cubic foot		70
	F.O.B. Halifax	
Dimension stock granite for building purposes, per cu. ft.		50
Do., for polishing purposes, up to 2 tons weight, per cubic ft.		1 00
Paving sets, per thousand block		60 00

CREDIT VALLEY STONE.

	F.O.B Quarries.
Rubble, per ton	65
Brown Coursing, up to 10 per sup. yard	85
Brown dimension, per cub.	70
Grey coursi g, per sup. yard	1 25
Grey dimension, per cub. ft.	50

ROMAN STONE. F. O. B. Factory.

Sills, tooled scated and throated 35c. per lineal foot	
Hollow Block, 12-inch wall, per superficial foot	40
Window Heads and Ashlar, per superficial foot, 4-inch bed	40
String Courses, Molded and Ornamental, per lineal foot, 50c. to	2 00
Chimney Caps, $2 to	5 00

SLATE.	Toronto.	Montreal.
Roofing (⅜ *square*).		
red	20 00	20 00
purple	9 00	10 00
unfading green	10 00	11 00
black	9 00	9 00
Terra Cotta Tile, per sq	23 00	25 00
Ornamental Black Slate Roofing		77 30

PORTLAND CEMENT

(CARLOADS.)

Canadian (Packages, 350 lbs. net.):	Toronto.		Montreal	
Rathbun's Star	1 70	2 00	2 10	2 30
Trowel			1 85	1 95
Samson	1 75	1 85		
Magnet	1 55	1 65		
Monarch	1 80	1 90	1 80	1 90
Hercules	1 65	1 75		
Imperial		1 75		
Crescent 375 lbs. gross	2 30	2 40	1 95	2 0
Diamond 350 " "	2 20	2 30	1 85	1 9
"Giant" Brantford	1 75	2 00	2 00	2 5
American (in Bags):				
"Helderberg"			1 80	1 95
Alsen				2 25
Lehigh, in bbls., 375 lbs.		2 35	2 10	2 20
" cotton sacks, 350 net		2 0		2 00
" paper bags		2 10		1 85
"Iron Clad" in bags 350 lbs.			1 80	1 90
"Invicta" " " "			1 65	1 70
"Adirondack" " " "			1 50	1 65
Vulcanite (The Toronto Pottery Co., Limited. Toronto) 350 lbs. per bbl.				
In paper bags		1 80		
" wooden bbls.		2 00		
" cotton bags		2 10		
English in Barrels):				
Brook's Shoobridge Anchor	2 35	2 40	2 00	2 10
Belgian (in Barrels):				
" Josson	2 60	2 70	2 20	2 30
"North's Condor	2 05	2 10	2 25	2 30
"White Cross"	1 90	2 00	1 75	1 80
Hammer			1 80	1 90
White Star	2 15	2 25	1 90	2 00
German (in Barrels):				
Alsen	2 65	2 95		2 40
Dyckerhoff	2 65	2 75		2 40
Hercules	2 25	2 35		2 15
Keene's Superfine "Whites"	10 00	12 00	8 50	9 00
Keene's Coarse "Whites"	6 50	7 00	4 50	5 00
Fire Bricks, Newcastle, per M	27 00	32 00	18 00	22 00
" Scotch "	28 00	33 00	19 00	23 00
Plaster Calcined N.B.		1 70		1 60

CORRECTED UP TO JANUARY 10TH

CANADIAN

Contract Record

A Weekly Journal of Public Works, Tenders, Advance Information and Municipal Progress

This Paper Reaches Every Week the Town and City Clerks, Town and City Engineers, County Clerks and County Engineers, Purchasers of Municipal Debentures and Leading Contractors in All Lines Throughout Canada

VOL. 15. TORONTO, MONTREAL AND WINNIPEG, JANUARY 18, 1905 No. 49

THE CANADIAN CONTRACT RECORD

PUBLISHED EVERY WEDNESDAY

As an Intermediate Edition of the Canadian Architect and Builder.

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THE C. H. MORTIMER PUBLISHING COMPANY

of Toronto, Limited.

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Branch Offices:

38 Alliance Building, Montreal, Telephone Main 2299.

720-721 Union Bank Building, Winnipeg.

21 Great St. Helen's, London, England.

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TENDERS

will be received by the undersigned up to SATURDAY, FEBRUARY 4th, 1905, for the repair of the Waddell Creek drain in the Township of Sarnia, a distance of about 1,496 rods.

Plans and specifications can be seen at the Clerk's office.

The lowest or any tender not necessarily accepted.

MAGGIE LOWRIE, Township Clerk,
Box 245, Sarnia.

Debentures for Sale

Offers will be received at the Clerk's Office, Seaforth, up till noon, FEBRUARY 6TH, NEXT for $2400 Local Improvement Debentures, payable in 15 years. Interest at 4½ per cent. payable yearly. The highest or any offer not necessarily acceeted. The debentures are $400 each.

WM. ELLIOTT, Clerk.

Notice to Contractors

Construction of Hydraulic Dredge

Tenders will be received, by registered post only, addressed to the Chairman of the Board of Control, City Hall, Toronto, up to noon on TUESDAY, FEBRUARY 7TH, 1905, for the construction of an hydraulic dredge, complete.

Envelopes containing tenders must be plainly marked on the outside as to contents.

Plans and specifications may be seen and forms of tender obtained at the office of the City Engineer, City Hall, Toronto, on and after Tuesday, January 17th.

The usual conditions relating to tendering, as prescribed by city by-law, must be strictly complied with or tenders will not be entertained.

The lowest or any tender not necessarily accepted.

THOMAS URQUHART (Mayor),
Chairman Board of Control.

City Hall, Toronto, January 12th, 1905.

CONCRETE PILES

For Procuring Cheap Permanent Foundations in Filled or Soft Grounds. I am prepared to put in concrete piles, or to furnish contractors with the necessary cores on a Royalty basis, under my Patents. Estimates furnished on application. Address

A. A. RAYMOND,
Office of Medler & Arnott,
Foot of Berkeley St.,
Toronto, Ont.

DEBENTURES FOR SALE

Sealed tenders will be received by the undersigned up to 12 o'clock noon on the 2ND DAY OF FEBRUARY, A. D. 1905, for the purchase of Debentures of the Town of Simcoe, known as the Consolidated Debentures, for $10,000 bearing interest at 4½ per cent., i. e., payable in equal annual instalments of principal and interest extending over a period of 30 years from 1st January, A. D. 1905, and for the purchase of Local Improvement Debentures of said Town of Simcoe to the amount of $3 000 bearing interest at 4½ per cent., repayable in annual instalments of principal and interest extending over a period of 20 years from the 28th day of December, 1904.

The purchaser to pay accrued interest.

The highest or any tender not necessarily accepted.

FRANK REID,
Town Treasurer.

Simcoe, 12th January, 1905.

CONTRACTS OPEN.

SELKIRK, MAN.—A site has been selected for a new post office here.

GRANBY, QUE.—There is an agitation in favor of installing an electric light plant.

MEAFORD, ONT.—It is understood that the Seaman-Kent Co. purpose extending their plant.

PARRY SOUND, ONT.—The Council may take up the question of building a new town hall.

ORILLIA, ONT. — The Mayor has referred to the necessity of constructing a sewerage system.

BRANTFORD, ONT. — The Mayor has advised that an expert be engaged to report upon storm water drainage.

WASHADA, MAN. — The school trustees have decided to erect a new school, at an approximate cost of $5,000.

MOOSE JAW, N.W.T.--Mr. Faukner, of Palmerston, Ont., has made a proposition to establish a pork packing factory here.

NANAIMO, B. C.—The City Council are likely to take steps in the near future to obtain an additional water supply from Long Lake.

STRATFORD, ONT.— The Mayor has suggested that the Board of Works should report upon a system of storm sewerage.

LEAMINGTON, ONT.—Alex. Baird, C.E., will report on the cost of proposed bridges over the Long Marsh drain, in Malden Township.

BIENVILLE, QUE. — Owing to a legacy of $3,000 left by the late Mr. Laine, work on the completion of the church will be resumed.

KAMLOOPS, B.C. — R. J. McNab has purchased the saw mill of the Thompson River Lumber Co. and will make improvements thereto.

FREDERICTON, N.B.—Tenders for rebuilding Eel River bridge, York County, willl be received by the Department of Public Works up to January 23rd.

ESTEVAN, N.W.T.—O. H. Thompson has purchased property here on which he intends to erect a substantial building during the coming season.

VICTORIA, B. C.—It is understood that tenders for the C.P.R. tourist hotel in this city, for which F. M. Rattenbury is the architect, will be opened this week.

NELSON, B C.—The project to erect a new school has been abandoned for the present.—The C.P.R. are said to be considering the erection of a tourist hotel here.

CALGARY, N.W.T.—Mr. Cook is endeavoring to float a company, with a capital of $500,000, for the purpose of establishing a large chilled meat plant here.

ST. JOHN, N. B.—F. Neil Brodie, architect, is preparing plans for the rebuilding of J. & A. McMillan's premises and tenders will be called at an early date.

CLANWILLIAM, MAN. — W. G. Sanderson will receive tenders up to February 8 for the erection of a brick veneer manse here, to be completed by July 15.

BARRIE, ONT.—The Mayor, in his inaugural address, recommends that the Dominion Government be petitioned to remodel the post office and to erect new armories in town.

ST. THOMAS, ONT.—The members of the Church of Christ have appointed a committee to report upon the advisability of building a new church. James Egbert and D. A. McKillop are members.

OWEN SOUND, ONT.—Some alterations will be made to the C.P.R. elevator here.—J. C Forster, architect, is preparing plans for remodelling the brick block recently purchased by Ryan Bros

STRATCONA, N.W.T.—It is understood that the Council are prepared to consider petitions from the ratepayers for the construction of waterworks and sewerage systems.

NEW LISKEARD, ONT. – The rate

payers have voted in favor of installing a waterworks system. It is proposed also to acquire the water power and develop electric energy.

STRATHCLAIR, MAN. — The Municipality have petitioned the Manitoba Legislature to construct certain bridges in this vicinity.

KINBURN, ONT.--T. H. Armstrong will receive tenders up to Wednesday, February 1st, for repairing school house in Section No. 5, Fitzroy, and building wing thereto.

TORONTO JUNCTION, ONT.—The Toronto Pressed Steel Co., Limited, recently organized here with a capital of $100,000, will select a site for their works at an early date.

REGINA, N.W.T.—E. McAra, jr., is asking for tenders up to 25th inst. for the erection of a Presbyterian church here. — It has been decided to build a new Catholic church, to be 90 x 50 feet.

MONCTON, N. B.—Steps will likely be taken this year to increase the school accommodation.—F. N. Brodie, architect, of St. John, has prepared plans for a brick building to be built here by B. E. Smith.

WIARTON, ONT.--The Grand Trunk Railway propose to extend the Meaford branch to Owen Sound and improve the terminal facilities at this point. It is also stated that the road will be extended to Tobermory.

EASTMAN'S SPRINGS, ONT.—A company with a capital of $300,000 has been formed to take over the Eastman's Springs property with the object of converting it into a first class hotel and sanitarium.

NEW WESTMINSTER, B. C.—It is expected that the Small & Bucklin Co. will commence work within two weeks on their saw mill to be built on the Fraser river. This company have also acquired a site on which to build a tannery.

SARNIA, ONT. — Officials of the Grand Trunk Railway were here last week selecting a site for the proposed electric power house.—J. A. McCrae has purchased a lot at corner of Victoria and Cromwell streets on which he will build.

FORT WILLIAM, ONT. — William Kennedy, C. E., and R. S. Kelsch, of Montreal, are reporting upon the Kakabeka Falls power development at this place.—John King intends building a costly residence on corner of Archibald and Arthur streets.

HAMILTON, ONT.—It is reported that the land recently purchased by Henry New adjoining the Grand Trunk station on East King street will be utilized as a site for a freight yard and station for the Hamilton, Grimsby and Beamsville electric railway.

PORT ARTHUR, ONT.—Plans have been completed for a new C.P.R. station to be built here, work to be commenced this spring. — The waterworks system will be extended this year.—Grey, Tailor & Campbell, meat dealers, have purchased sites on which to build stores.

QUEBEC, QUE.-Ouellet & Levesque, architects, are preparing plans and specifications for two R. C. churches to be built in brick at River du Loup Station, Temiscouata county. Tenders will be called for about the 25th inst. for the one on the east side of the river and for the other one soon thereafter.

SYDNEY, N.S.—The bonus of $205,000 offered by the city to establish a ship-building industry is being sought by a company recently formed here, of which J. T. Burchell is president and William Hayes, of Sydney, secretary. The company intended to erect a ship-building plant and a floating dry dock.

PETERBORO, ONT.—Plans for an outfall sewer to be built under an agreement between the town and the municipality of Ashburnham were prepared some time ago by Willis Chipman, C.E., of Toronto, and the matter will likely be taken up at an early meeting of the Board of Works. The estimated cost is $10,000.

EDMONTON, N.W.T.—The Edmonton Wool & Wood Co. intend enlarging their mill and installing additional machinery. D. R. Fraser, lumber merchant, is one of the directors. It has been decided to call for new tenders for the labor necessary in installing the new trunk sewer and water extensions. The Council have approved of a by-law to raise $100,000 by debentures as a bonus to the Grand Trunk Pacific Railway.

BRANDON, MAN.—The directors of Brandon College are preparing to erect a building for lady students.--W.N. Lailey, architect, has completed plans for the new drill hall to be built on the corner of Eleventh street and Victoria ave. Building will be brick and stone with three large towers and two small ones. Work will be commenced in the early spring.—A. R. McDiarmid and John Clark have entered into partnership and purpose establishing a planing mill to be operated by electric power.

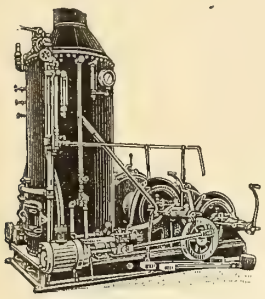
OTTAWA, ONT.—L. K. Jones, Secretary Department Railways and Canals, will receive tenders up to Friday, 20th inst., for building and equiping with machinery a steel gate lifter for the Williamsburg canal. Plans may be seen at the office of the Superintendent of Operations, Morrisburg, Ont.—The Kingston and Dominion Central Railway Co. are seeking incoporation to construct an extension from a point between Brockville and Westport and the city of Montreal to Ottawa.—Incorporation is being sought by the Montreal, Quebec and Southern Railway Co. to construct a railway from St. Guillaume station, Montreal and Atlantic Railway, in Yamaska, to Sorel, in Richelieu County.

LONDON, ONT.—A. O. Graydon, City Engineer, has been instructed to prepare specifications and invite tenders for annual supplies for the city.—No. 3 Committee has recommended to the Council that a fire hall be built in the north end of the city.—The Council have taken steps looking to the early construction of the proposed breakwater for London West. The City Engineer is of the opinion that a special set of plans for the work will not be necessary. — H. C. McBride, architect, is preparing plans for new Methodist churches to be built at Berlin and Waterloo, Ont., also a bank building at Ingersoll.—W. G. Murray, architect, is calling for tenders for a residence for J. B. P. Tanton, King street, this city, also for a residence for Mr. Rollins at Byron, Ont.—W. G. Howlett has received a building permit for a brick residence on Marley ave. and C. Hensworth will erect a storey and a half brick residence on Kitchener ave.

WINNIPEG, MAN.—Thomas Kelly, contractor for the new post office, is purchasing the necessary plant, including a complete outfit of stone-cutting machinery.—The Knights of Pythias have appointed a committee to report as to suitable site on which to erect a building suitable for their purposes.—Among the works to be undertaken by the city immediately are the following: Sewer on Burrows ave., St. Clair street, McKenzie street, Pritchard ave. and Parr street, cost $12,540; macadam pavement on McMillan ave., from Pembina street to Hugo street, cost $6,910, and macadam pavement on Nassau street, cost $1,278. —New plans have been received for the proposed Methodist church to be built on the corner of Broadway and Kennedy street.—The Crown Elevator Co., of Minneapolis, intend building a grain elevator about one mile from St. Boniface.—Knox church congregation are considering the purchase of a site and the erection of a new church on Portage ave.—L. B. McFarlane, of the Bell Telephone Co., was in this city last week in connection with the proposed work to be undertaken by that company in the West this year. He states that the company contemplate the erection of ten or more central exchanges in the smaller towns and villages.—The executive committee of the Catholic Club are considering the erection of a three-storey building which will contain a large auditorium, general club rooms, gymnasium, bath and bachelors' quarters. H. H. Cottingham is secretary of the club. —W. B. Lait, architect, is preparing plans for a new apartment block to be built this spring on Portage ave., between Carlton and Edmonton streets.—The excavations for the new Agricultural College have been finished.—H. R. Pugh, architect, is preparing plans for an apartment block to be built on Spence street, near Broadway.—The Royal Lumber & Fuel Co., recently organized in this city, have secured a site on Notre Dame ave. west for their proposed plant.—A large addition will be built this year to the Bank Hotel, McDermott ave. east.—Mr. Malhoit, resident engineer for the Dominion Public Works Department, has been instructed to prepare plans for a bridge to be built over the Assiniboine river at Shelmouth, Man.

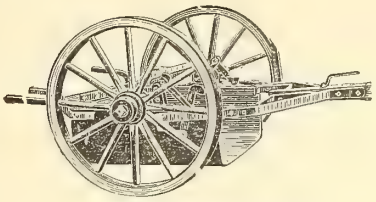
MONTREAL, QUE.—L. O. David, City Clerk, will receive tenders up to Thursday, 16th inst., for the supply of 200,000 scoria blocks, to be delivered by June 1st.—The Protestant School Commissioners have under consideration four sites for the new Senior School, and a decision will probably be made within a fortnight.—A movement is on foot looking to the erection of students' dormitories in connection with McGill University. A building to accommodate 100 students is spoken of. — Local capitalists have secured an option on property at north end of Dominion square, extending from Peel street to the Bellevue Flats, with the object of building thereon a large new hotel, estimated by some to cost about $3,000,000.—The Parks and Ferries Committee have reported in favor of the city purchasing a large trac of land on Cotes des Neiges road upon which the Covernment may build the proposed military school.—The following building permits have been granted: J. R. Dagenais, Marquette st., pair two-storey wood and brick dwellings, cost $2,400; Z. A. C. Murray, St. Hubert st., two-storey wood and brick dwelling and store, cost $1,800; S. Rucci, St. Hubert st., two-storey wood and brick dwelling, cost $1,500; Jos. Sawyer, St. Antoine st., repairs to dwelling and store, cost $700. —Tenders are invited by the Department of Public Works, Ottawa, up to Thursday, February 9, for laying and jointing in this city 4,000 lineal feet of double line of smooth bored cast-iron piping and for furnishing and erecting the necessary special castings, elbows, fittings and receiving and transmitting machinery. Plans at the Department, Ottawa, and at the office of John Galt, chief engineer, Toronto.—The Board of Governors of the Catholic High School have secured the Archibald property at the corner of Milton and Durocher streets on which to build a new High school.

VANCOUVER, B.C. — The Mayor, in his inaugural address, expressed the hope that the building of a new city hall would not long be delayed.—Dalton & Eveleigh, architects, are preparing plans for a five storey business block to be erected by E. P. Davis, K.C., on his property on Hastings street, adjoining the



Hoisting Engines

All Kinds of



Wheel Scrapers

CONTRACTORS' SUPPLIES

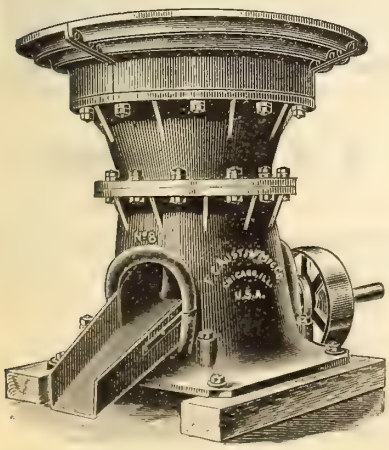
SMITH CONCRETE MIXERS
CONCRETE BUCKETS
CONCRETE TOOLS
AUSTIN GYRATORY CRUSHERS
CRANES
DERRICKS
HOISTING ENGINES
STEAM SHOVELS
RAILWAY PILE DRIVERS

WHEEL AND DRAG SCRAPERS
GRADING PLOWS
DUMP CARS
WHEEL BARROWS
BALL-BEARING AND HYDRAULIC JACKS
TRACK TOOLS
LIGHT RAILS
WIRE ROPE
MINE SUPPLIES

SEND FOR CATALOGUES

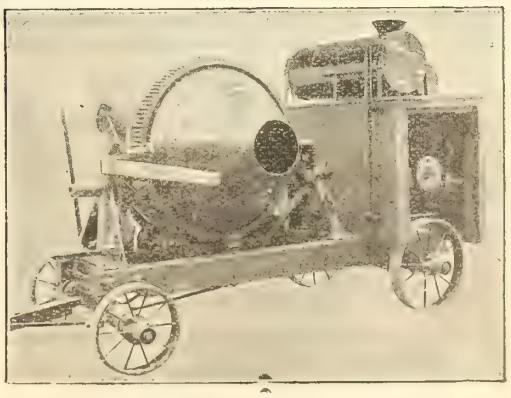
W. H. C. MUSSEN & CO.

MONTREAL, QUE.



Austin Gyratory Crusher

PROMPT ATTENTION GIVEN TO ALL ORDERS AND ENQUIRIES



Small Size Smith Mixer—Gasoline Engine

Lefebvre block. There will be between 60 and 70 offices and the equipment will be modern, with elevators.—Dr. Powell, of Victoria, will erect a brick and stone structure at the corner of Pender and Richard streets, to cost about $15,000.—Parr & Fee, architects, have prepared plans for the alterations to the Fader block, corner Pender and Granville streets. The brick supports are to be removed, iron pillars substituted and plate glass fronts put in.—N. Goldsmith and S. Morton Cohn, managers in Seattle and Tacoma respectively for the Northwestern Vaudeville Circuit, are in Vancouver for the purpose of selecting a site on which to build a large theatre.—S. Weaver has purchased the property on Hastings street adjoining the Rubinowitz Departmental Stores and intends this spring to build a modern business block on the site.—A. Calori, proprietor of the Europe Hotel, has purchased the five fractional lots which comprise the gore at the junction of Powell and Alexander streets and having a frontage of 125 feet on each of the streets mentioned. Mr. Calori intends building on the property a large four-storey tourist hotel, containing elevators and modern equipment.—F. J. Hamilton, of Calgary, purposes building a three-storey frame hotel on Hastings street, opposite the Vancouver Club.—The C.P.R. have plans under way for important improvements to the harbor facilities here. It is said that the annual estimates will include $250,000 for a jetty wharf and $120,000 for additional tracks and trestles along the wharf front.—Chief Carlisle, of the Fire Department, has recommended the erection of a new station on water street and another in the west end, also the purchase of three new steam fire engines and one hose wagon.

TORONTO, ONT.--The congregation of the Dovercourt Presbyterian Church have appointed a committee to take preliminary steps looking to the erection of a new church. George T. Graham is chairman of the committee.—George H. May, accountant, 50 Front street east, is asking for tenders up to Thursday, January 26th, for the supply of 50,000 barrels of Portlant cement, in cotton bags.—The Bank of Hamilton have purchased property on the south-east corner of College street and Ossington ave. and will erect a branch bank and office building.—The Dominion Government has consented to pay its share of the cost of an asphalt pavement in front of the armories. The City Engineer has therefore recommended that an asphalt pavement be constructed on University street, from Queen street to College street, at an estimated cost of $20,000. The Engineer reports that the cost of a foot bridge over the tracks at Wallace ave. will be $2,500.—Plans for the new Island club house of the Royal Canadian Yacht Club have been completed and tenders will be invited at an early date.—The Burgess-Powell Co., who recently purchased Poulton's Hall on Bolton ave. and Queen street east and some adjoining houses, have decided to rebuild the latter, at an approximate cost of $3,300.—Mr. Finney, 20 Victoria street, wants tenders for all trades for erection of a pair of brick houses.—The Department of Public Works, Ottawa, are asking for tenders up to February 9 for laying and jointing in this city 18,000 lineal feet of double line of smooth-bored cast-iron piping, to be supplied by the Government, and for furnishing and erecting all the necessary special castings, elbows and fittings, including the terminal receiving and transmitting machinery and carriers. Plans may be seen at the office of John Galt, chief engineer for the work. A cheque for $9,000 must accompany each tender.—The Railway Commission have issued an order approving of plans and specifications for nine bridges on the Toronto and James Bay Railway crossing the Don river, between the fourth and fourteenth mile of their line out of this city.—The congregation of Royce ave. Presbyterian Mission have purchased a lot on the corner of Royce and Perth avenues on which it is the intention to erect a church this spring.—Trustee Levee, of the Board of Education, has suggested the sale of the Parliament, Duke, Victoria and John street schools, and the building with the proceeds of two centrally situated up-to-date schools. He also suggests the improvement of the Elizabeth street school.—S. G. Curry, architect, has prepared plans for a new branch post office to be built at the corner of Yonge and Charles streets, at an estimated cost of $50,000. It is also the intention of the Government to build branch offices in the north-western and eastern parts of the city.—It is understood that tenders will be invited next week for rebuilding the Hamilton street public school. The building will consist of 17 rooms in addition to the basement.—The following local improvements are recommended:—Filling and grading of Kew Beach, Woodbine Avenue to the East End, cost $5,399; asphalt block pavement on Bloor street from Yonge street to Avenue road, cost $17,868; cedar block pavement on Logan avenue,

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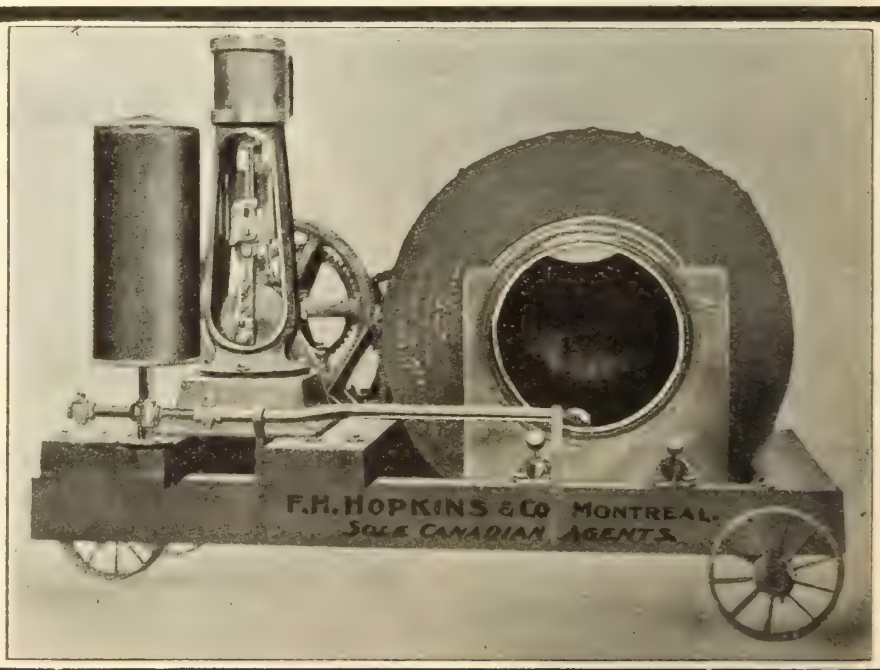

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from Queen street to 2,124 feet south, cost $12,277; bitulithic pavement on Defoe street, from Macdonell square to Niagara street, cost $6,064; bitulithic pavement on Scarth road, from Crescent road to Roxborough street, cost $1,820; cement concrete sidewalks, Deleware avenue, from Hepbourne to Bloor streets; Walmer road, from north of Bernard avenue to Dupont street; Manning avenue, from Bloor street to Barton avenue; Lee avenue, from Queen to Violet avenue; Manning avenue, from Arthur street to College street; D'Arcy street, from Beverley street to Spadina avenue; Czar street, from Balmuto to North street; Deloware avenue, from College to Dewson streets; Victoria street, from Gould to Gerrard streets; St. Thomas street, from Sultan street to Bloor street; St. Thomas street, from Czar to Bloor street; Maple avenue, from Dale avenue north and west 440 feet.—Building permits have been granted as follows: — Emil Nerlich and Henry Nerlich, five-story brick warehouse, 135 Wellington street, cost $40,000; John Brick, two-storey brick dwelling, Victor ave. near Broadview, cost $3,000; H. H. Hall, two-storey and attic brick residence, corner Bathurst street and Barton ave., cost $3,500; Mrs. Joseph Kent, two-storey roughcast dwelling, brick front, 119 Gore Vale ave., cost $2,000; B. H. Morehouse, two pair two-storey and attic brick dwellings, First ave., near Broadview, cost $7,000; D. Mowbray, two-storey roughcast dwelling, Wallace ave., near Symington, cost $1,000; W. H. Harlton, two-storey roughcast dwelling, 662 Brock ave., cost $1,000.

FIRES.

Opera house at Neepawa, Man., totally destroyed; loss $10,000.—Saw mill of C. N. Stacey at Burks Falls, Ont.; loss $1.200. — Four-storey brick warehouse and factory of the Hoover Manufacturing Co., Winnipeg, Man., almost totally destroyed; loss on building and stock, $80,000.--Public school on Phoebe street, Toronto, damaged to extent of $12,000.—Factory of the Saugeen Mineral Water Co. at Southampton, Ont. — Hardware store of Gardner & Co., Woodstock, Ont.; loss $25,000. — Hardware establishment of Nelson Bros., Windsor, Ont., damaged to extent of $50,000.—Building at Owen Sound, Ont., owned by John Lemon and occupied as a bakery by D. B. McColl; loss $3,000. — Royal Victoria Hospital, Montreal, damaged to extent of $25,000. —Woodware department and work shop of the Fensom Elevator Co., Duke street, Toronto, completely gutted; loss $20,000.

CONTRACTS AWARDED.

NELSON, B C.—Brick addition to the Burnet block: W. G. Gillett, contractor.

NORTH SYDNEY, N.S. — Heating Trinity church: Thompson & Matheson, contractors.

PETERBORO, ONT.--Building for the Peterboro Shovel & Tool Co: McIntyre & Hartley, contractors.

BLACKSTOCK, ONT.—Erection of new school in Section No. 5: George McLaughlin, contractor, $1,900.

AMHERST, N. S.—The contract for new building for the Bank of Montreal has been awarded to James Reid, of Sydney.

WINNIPEG, MAN. — The Fire, Water & Light Committee have accepted the following tenders: T. McAvity & Sons, St. John, N.B., for supply of 4-inch gate valves, with bronze bolts, at $7 each; Fairbanks Co., Winnipeg, 6-inch gate valves at $10.21 each.

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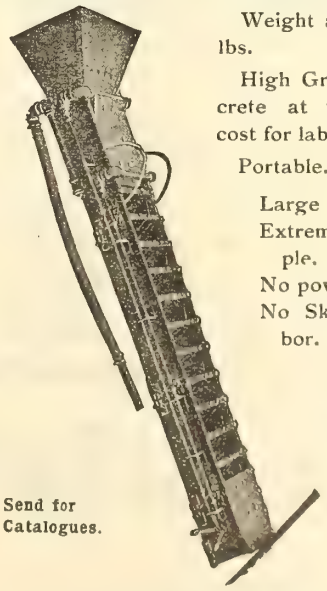
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Keenman Woodenware Manufacturing Company, Limited, Owen Sound, Ont., incorporated, capital $100,00, to manufacture woodenware of various kinds. Directors, James E. Keenan, J.C. Keenan, W. P. Keenan and R. T. Keenan.

Premier Electric Light & Power Company, Limited, Wallaceburg, Ont., incorporated, capital $40,000, to construct and operate works for the production and distribution of electricity. Directors, W. D. McRae, D. C. MacDonald and H. A. Stonehouse.

Canadian Shredded Wheat Company, Limited, Niagara Falls, Ont., incorporated, capital $100,000. Directors, John Henderson, John Hewitt and David Fasken, all of Toronto.

Hamilton Incubator Company, Limited, Hamilton, Ont., incorporated, capital $10,000. Directors, D. H. Fletcher, of Hamilton; John Fletcher, of Mount Albion, and others.

Bonanza Creek Gold Mining Company, Limited, Toronto, incorporated, capital $1,750,000. Directors, John Payne, Richard Credicott, Alexander Foster, William Gilchrist, and Thomas Taylor, all of Toronto.

Eureka Planter Company, Limited, Woodstock, Ont., incorporated, capital $50,000, to manufacture agricultural and other implements. Directors, J.A. Straith, S. B. Best, C. N. Choate, Archibald McNee, and P. J. Freeman, all of Windsor, Ont.

New Brunswick Iron Company, Limited, incorporated, capital $1,000,000. Promoters, J. S. McLennan, of Sydney, N. S.; C. W. Young, of St. Stephen, N. B.; L. B. Knight, of St. John, N. B., and others.

Fraser River Saw Mills, Limited, New Westminster, B. C., incorporated, capital $500,000. Promoters, L. W. David, of New Westminister, and E. J. Dodge, of Alameda, California.

Everett Timber & Investment Company, Victoria, B. C., incorporated, capital $350,000. E. V. Powell, of Victoria, is attorney for the company.

Commercial Twine Company, Limited, Montreal, incorporated, capital $10,000, to manufacture and deal in twine, cordage, paints, etc. George Hiam, John Marsden and others.

Ideal Bedding Company, Limited, Toronto, incorporated, capital $250,000, to manufacture brass, iron and other bedsteads, mattresses, etc. M.W. Manchee, of Toronto; James H. Sharrerd and Edward McDougall, of Montreal, and others.

Anglo-Canadian Leather Company, Limited, Montreal, incorporated, capital $2,000,000, to manufacture and deal in hides and leather of every description. Brackley Shaw, merchant, of Boston; C. T. Shaw, B. A. Shaw, T. D. Stewart and F. G. Bush, of Montreal.

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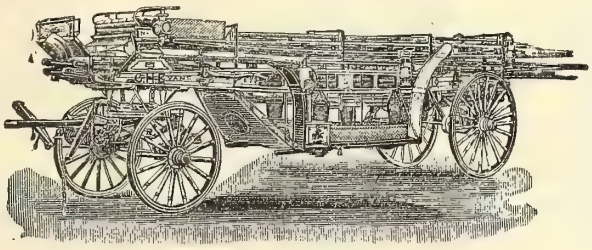

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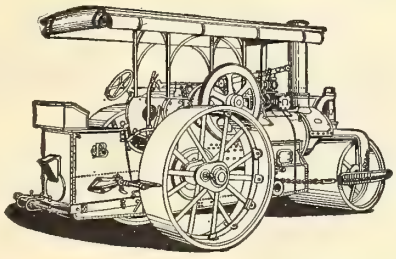

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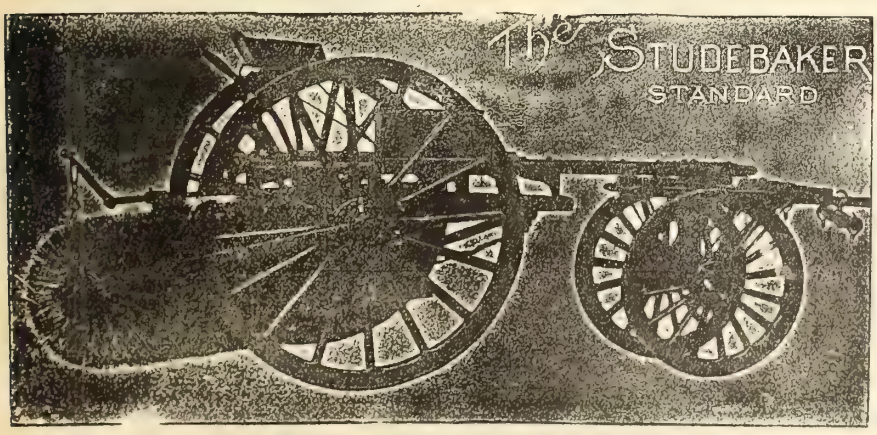

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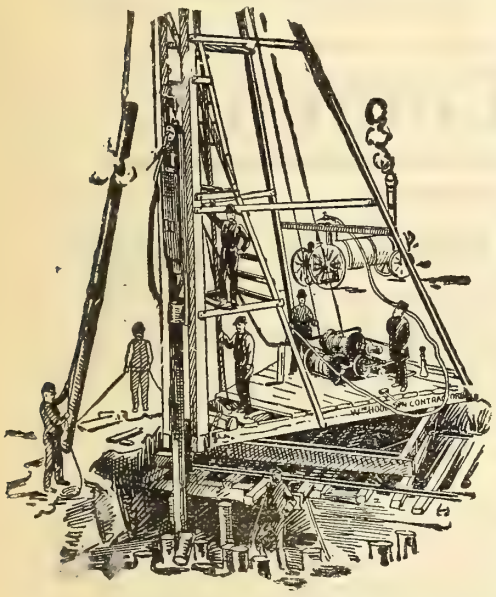

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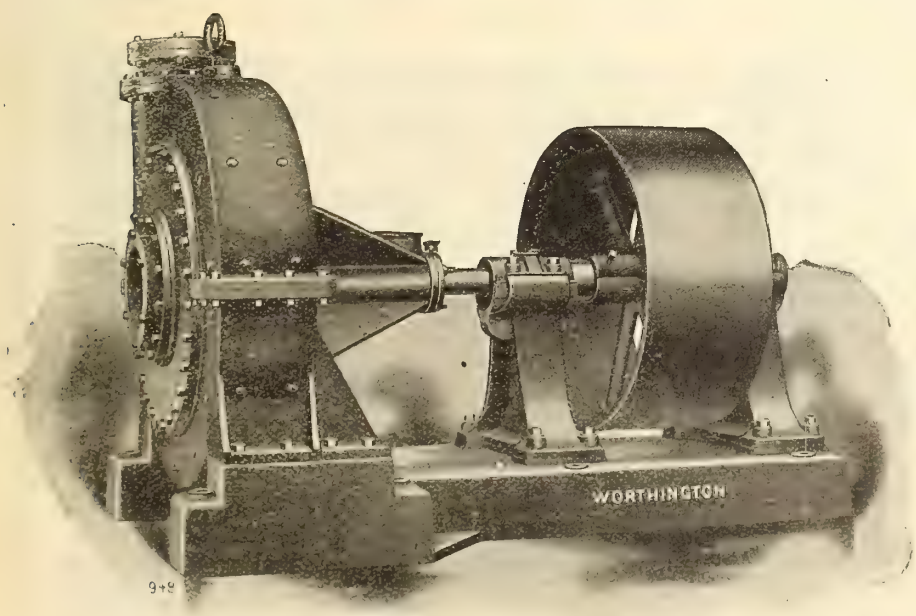

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The engineer, architect or builder is confronted by no problem more difficult than to say whether a particular kind of cement, when placed in any work, will behave in a predetermined way. Especially is this true with an artificial cement. Other cements are more reliable under conditions of exposure, for which they are suited. The difficulties arise from the fact that tests must be made on a product not in its final stage. A cement, when mixed with concrete, undergoes chemical and other changes in the process of final setting, so that the material subjected to stresses in the work is not the material tested, but a derivative of it.

The object of testing cement is to determine two factors. First, whether the product of a cement will attain the desired strength quickly enough to enable it to bear safely all stresses designed for it; second, whether it will afterwards fall below that desired strength. The most useful tests of cement are those which connect themselves with the defects to which cements are subject, or with some merit which they should possess; and, again, which can be made in the minimum of time with the least apparatus and trouble, and are entirely free from that personal equation which enters into the whole question.

It is necessary to state that all the testing appliances should be of good design and of modern manufacture. The tester should not neglect to observe the least of the many points necessary for a true test. Preference should be given to a testing machine which applies, pressure at the rate of 400 lb. in one minute. Difficulties are experienced in working the machine at so slow a speed, the impulse being jerky when applied slowly by the hand. The author has obtained a difference of 40 per cent. between two briquettes mixed both from

* Abstract of a paper by Herbert E. Bellamy, read before the Society of Civil and Mechanical Engineers, London, Eng.

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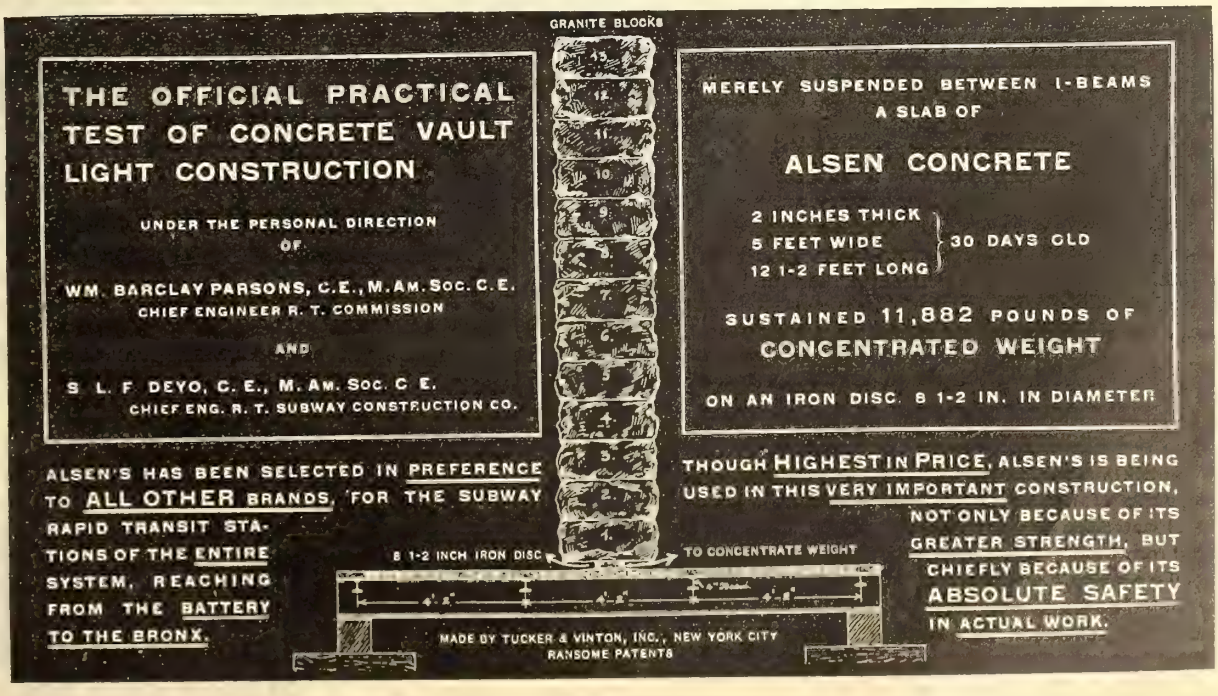

the same cask of cement when the times were thirty six and sixty seconds for the tests respectively. The tests will be described as follows :—

(1) Colour.
(2) Specific gravity.
(3) Grinding.
(4) Setting properties.
(5) Strength.
(6) Soundness.
(7) Coolness.
(8) Miscellaneous tests.

The engineer selects samples from every tenth barrel, or from the equivalent of the tenth barrel when packed in sacks, taking care to properly mark all the casks in the batch. Each sample should fill a 4-in. airtight cubical box, and should be sent for testing immediately. No average should on any account be allowed in testing. The author has drawn up four diagrams illustrating how a complete record of tests can be kept for official reference for any period.

TESTS.

(1) Colour.—Good Portland cement should be of a grey or greenish-grey colour. A browny colour indicates an excess of clay and shows the cement is inferior. A coarse bluish-grey cement shows that it is probably over lined. The colour may be observed by rubbing the cement on a piece of white paper.

(2) Test for Specific Gravity.—This test should always be carried out. Experiments which the author has made show that the specific gravity of good K.B. & S. English cement slightly exceeded 3·0, while an inferior cement was only 2·8. Adulterations of Portland cement most likely to be practised are made with materials which reduce the specific gravity. The test is therefore exceedingly valuable in determining a properly burned, non-adulterated Portland. No other hydraulic cement is so dense. The weight of Portland cement varies from 95 lb. to 120 lb. per striked bushel (21 bushels are equal to 1 cubic yard). The specific gravity of cements can be ascertained by Keate's specific gravity bottle, as described by Mr. Grant. The bottle consists of two bulbs, the lower somewhat exceeding the upper in capacity. The exact capacity of the lower bulb is of no importance. On the neck between the bulbs is a file mark b ; on the neck of the upper bulb is a similar mark a. The capacity of the upper bulb between the marks a and b must be determined, and may conveniently be 500 or 1,000 grains in water measure at 60 deg. Fahr.

In ascertaining the specific gravity of a solid in small fragments—small shot for example—the following is the mode of precedure : Fill the bottle with distilled water up to the mark b ; counterpoise the bottle so-filled in a balance ; drop the sub-substance of which the specific gravity is to be taken gradually into a bottle until the water rises from b to a. Ascertain the weight of the material so added. If the capacity of the upper bulb be 1000 grains of water the weight of the material required to raise the water from b to a is its specific gravity. If the capacity of the upper bulb be 500 grains of water the weight of the substance added must be multiplied by two. The result will be the specific gravity. The principle of the apparatus is very simple. The capacity of the upper bulb is an exact measure of distilled water, and when the water is raised from b to a by dropping a solid into the bottle, the bulk of that solid, equivalent to the given volume of the distilled water, is ascertained, and the relation between the weights of the two is given by the weights of the substances added. The only precautions are that the air, which is apt to cling somewhat to the solid matter when dropped into liquid, is carefully removed, and that if a very volatile liquid be used in the place of water the bottle should be corked to prevent evaporation. With natural cements this test may be dispensed with.

(3) Test of Grinding.—It is a well-established fact that, other things being equal, the finer the cement the greater will its sand-carrying capacity be—that is, it will show much greater strength with the same charge of sand, or equal strength with a greater charge. There is no doubt but that the cementitious value of the material resides in the very fine part. Very few specifications state how much cement is to be operated on for this test, or how long the sieving process is to continue. Considerable difficulty is usually experienced in preventing the meshes of the sieve from clogging up. The author insists on the screens of all sieves being examined with a magnifying glass once a week to see that there are no apertures larger than the normal ones. The specification for the works of the Forth Bridge required that the cement should pass a sieve containing 2,500 meshes to the square inch, leaving a residue of not more than 5 per cent. by weight. The test of rubbing cement between the fingers is a practice to be condemned. The gauge of the wire of the sieves should be clearly stated in ordering. For a sieve of 2,500 meshes the gauge should be No. 39 S.W.G.

Prices of Building Materials.

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MILTON PRESSED BRICK AND SEWER PIPE CO.

	F.O.B. Milton, Ont.	F.O.B Montreal
Red No. 1	Please write to head office, Milton, Ont., for catalogue and prices.	$18 00
" 2		16 00
" 3		14 00
Buff No. 1		20 00
" 2		18 50
Brown		25 50
Roman Red		30 50
" Buff		33 50
" Brown		40 50
Hard Building		12 00
" Sewers		12 00
" Backing		11 50

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Nos. 1, 2 and 3, Red Pressed Bricks	Please write to head office 34 Toronto St. Toronto for catalogue and prices.
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Ornamental Bricks of all kinds for Mantel purposes.	
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Vitrified Street-Paving Bricks	
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(Coninued on page 14.)

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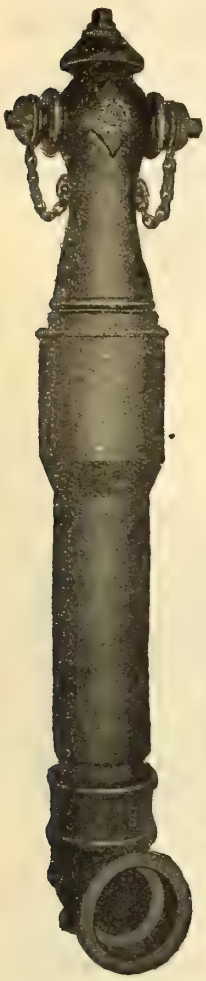

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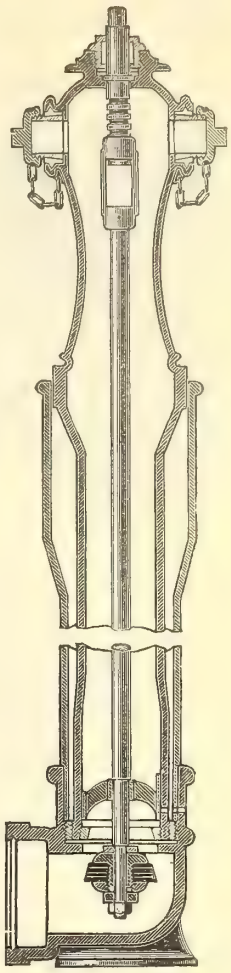

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Valve Boxes and general Water Works Supplies

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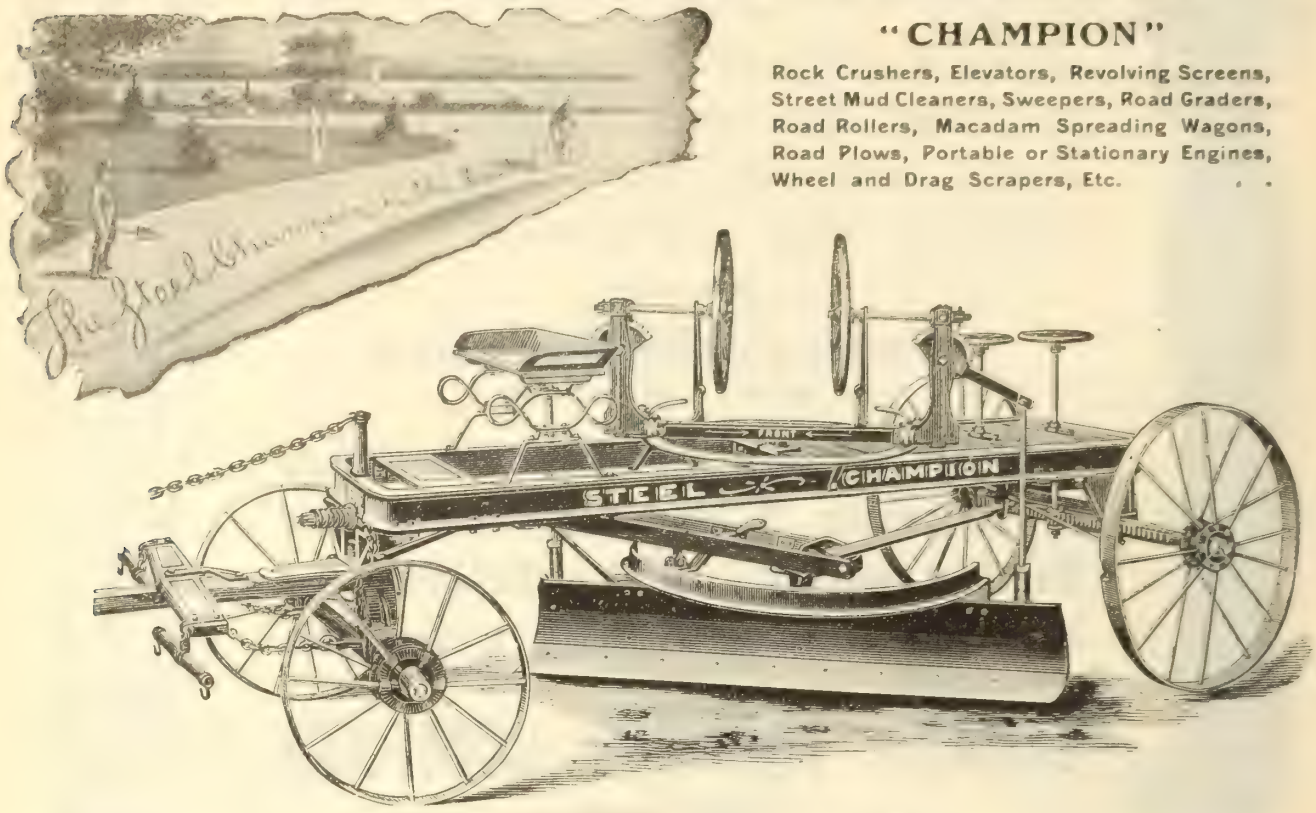

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(Continued from page 12.)

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	F.O.B. Milton, Ont.	F.O.B. Montreal.
Red No. 1	12 50	18 00
" 2	10 50	16 00
" 3	8 50	14 00
Buff No. 1	15 00	20 00
" 2	13 00	18 50
Brown	20 00	25 50
Roman Red	30 00	30 50
" Buff	30 00	33 50
" Brown	35 00	40 50
Hard Building	6 50	12 00
" Sewers	6 50	12 00
" Backing	6 00	11 50

Moulded and Ornamental from $2.00 to $5.00 per 100.
Terra Cotta String Courses and Frieze, from 50c. to $2.00 per ft. run.
Roofing Tiles, $20.00 per 1,000, $23.00 Montrea

BEAMSVILLE BRICK AND TERRA COTTA CO.

	F.O.B. Beamsville.	F.O.B. Montreal.
Red Peerless Facing	$15 00	$20 50
" No. 1	13 00	18 50
" No. 2	11 00	16 50
" No. 3	8 50	14 00
Brown Peerless Facing	20 00	25 50
" No. 1	18 00	23 50
Buff Peerless	20 00	25 50
" No. 1	18 00	23 50
" No. 2	15 00	20 50
Moulded and Ornamental Brick from $3 to $10 per C:		
Roman Red (Size 12 x 4 x 1½ in.)	28 00	33 50
" Buff " "	28 00	33 50
" Brown " "	34 00	39 50
Vitrified Paving Brick No. 1	18 00	23 50
" " " No. 2	15 00	20 50
Sewer	6 00	12 00
Roofing Tile	22 00	26 00

FIRE BRICK

TORONTO POTTERY CO. F. O. B. Toronto

	Car lots	Less
Boyd	20 00 M.	25 00 M.
W. W. Co.	22 50 M.	27 50 M.
Savage Crown	28 50 M.	32 00 M.
Ramsay		30 00 M.

STONE.	Toronto.	Montrea
Common Rubble per toise, delivered at building	13 50	11 00
Large flat Rubble, per toise, delivered	14 00	18 00
Foundation Blocks, per c. ft.	40	50
Granite (Stanstead) Ashlar, 6 in. to 12 in., rise 9 in., per ft.		25
Amherst Red Sandstone Amherst, N.S., per cub. ft. at quarry		40
Sack " N B, brown or red stone f. o. b. Quarries	45	45
Mason	30	40
Myers-Northport Red or River		

	Toronto.	Montreal.
Philip Gray Sandstones f.o.b. per cubic foot	75	65
Stanstead g[illegible] paving blocks, 8 in. to 12 in. x6 in. x4½ in. per M		50 00
Granite curbing stone, 6x 20 in per lineal foot		70
Buctouche Olive Freestone	85	65
Olive Sandstone (Indiantown, N. B)	80	70
Brown Sandstone (Sackville, N. B.	80	70
Moat red sandstone, per cu. ft.		60
Black Pasture buff stone per cu. ft.		50
Nova Scotia blue grey, per cu. ft.		65
Coursers, 6 to 8 in. f. o. b. St. Mary's. per cord		7 00
Footing, 6 to 10 in. per cubic ft.		15
Dimension Stone, f. o. b. St. Mary's, per cubic foot		35
Granite (Laurentian Pink) Ashlar, 6 to 2 in., rise 9 in., per c ft.		25
Dimension Stock Granite, (Laurentian Pink) for building purposes, per c. ft., f.o.b. quarries		40
Do., for polishing purposes, up to 2 tons weight, per cubic foot		70
	F.O.B. Halifax	
Dimension stock granite for building purposes, per cu. ft.		50
Do., for polishing purposes, up to 2 tons weight, per cubic ft.		1 00
Paving sets, per thousand block		60 00

CREDIT VALLEY STONE.

	F.O.B. Quarries.
Rubble, per ton	65
Brown Coursing, up to 10 per sup. yard	85
Brown dimension, per cub.	70
Grey coursing, per sup. yard	1 25
Grey dimension, per cub. ft.	50

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Sills, tooled scated and throated 35c. per lineal foot	
Hollow Block, 12-inch wall, per superficial foot	40
Window Heads and Ashlar, per superficial foot, 4-inch bed	40
String Courses, Molded and Ornamental, per lineal foot, 50c. to	2 00
Chimney Caps, $2 to	5 00

SLATE.	Toronto.	Montreal.
Roofing (per square).		
red	20 00	20 00
purple	9 00	10 00
unfading green	10 00	11 00
black	9 00	9 00
Terra Cotta Tile, per sq	23 00	25 00
Ornamental Black Slate Roofing		77 30

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Canadian (Packages, 350 lbs. net.):	Toronto.		Montreal	
Rathbun's Star	1 70	2 00	2 10	2 30
Trowel			1 85	1 95
Samson	1 75	1 85		
Magnet	1 55	1 65		
Monarch	1 80	1 90	1 80	1 90
Hercules	1 65	1 75		
Imperial		1 75		
Crescent 375 lbs. gross	2 30	2 40	1 95	2 0
Diamond 350 " "	2 20	2 30	1 85	1 9
"Giant" Brantford	1 75	2 00	2 00	2 5
American (in Bags):				
"Helderberg"			1 80	1 95
Alsen				2 25
Lehigh, in bbls., 375 lbs.		2 35	2 10	2 20
" cotton sacks, 350 net		2 00		2 00
" paper bags		2 10		1 85
"Iron Clad" in bags 350 lbs.			1 80	1 90
"Invicta" " " "			1 65	1 70
"Adirondack" " " "			1 50	1 65
Vulcanite (The Toronto Pottery Co., Limited. Toronto) 350 lbs. per bbl.				
In paper bags		1 80		
" wooden bbls		2 00		
" cotton bags		2 10		
English in Barrels):				
Brook's Shoobridge Anchor	2 35	2 40	2 00	2 10
Belgian (in Barrels):				
"Josson"	2 60	2 70	2 20	2 30
"North's Condor	2 05	2 10	2 25	2 30
"White Cross"	1 90	2 00	1 75	1 80
Hammer			1 80	1 90
White Star	2 15	2 25	1 90	2 00
German (in Barrels):				
Alsen	2 65	2 95		2 40
Dyckerhoff	2 65	2 75		2 40
Hercules	2 25	2 35		2 15
Keene's Superfine "Whites"	10 00	12 00	8 50	9 00
Keene's Coarse "Whites"	6 50	7 00	4 50	5 00
Fire Bricks, Newcastle, per M	27 00	32 00	18 00	22 00
" Scotch "	28 00	33 00	19 00	23 00
Plaster Calcined, N.B.		1 70		1 60

CORRECTED UP TO JANUARY 17TH

CANADIAN

Contract Record

A Weekly Journal of Public Works, Tenders, Advance Information and Municipal Progress

This Paper Reaches Every Week the Town and City Clerks, Town and City Engineers, County Clerks and County Engineers, Purchasers of Municipal Debentures and Leading Contractors in All Lines Throughout Canada

VOL. 15. TORONTO, MONTREAL, WINNIPEG, JANUARY 25, 1905 No. 50

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TENDERS

will be received by the undersigned up to SATURDAY, FEBRUARY 4th, 1905, for the repair of the Waddell Creek drain in the Township of Sarnia, a distance of about 1,496 rods.

Plans and specifications can be seen at the Clerk's office.

The lowest or any tender not necessarily accepted.

MAGGIE LOWRIE, Township Clerk,
Box 245, Sarnia.

Tenders for Debentures

Sealed tenders will be received by the undersigned up to noon of Friday, the 10th day of February, 1905, for the purchase of $10,900.00 Local Improvement Debentures (cement walks) of the Town of Oshawa, bearing interest at 4½ per cent. per annum, and repayable in 20 equal annual installments of principal and interest. Accrued interest to be paid by the purchaser. The highest or any tender not necessarily accepted.

THOS. MORRIS,
Town Clerk.

Oshawa, January 23rd, 1905.

TENDERS FOR DREDGING AND FOUR BRIDGES

Sealed tenders will be received by the undersigned until 2 O'CLOCK P.M. on THURSDAY, FEBRUARY 23RD, 1905, for dredging about 3½ miles in the Rivard Drain, in the Township of Dover, County of Kent. Also for building two steel and two wooden bridges over said drain.

Plans and specifications can be seen at the office of A. McDonell, civil engineer, in the city of Chatham.

The lowest or any tender not necessarily accepted.

Tenders to be marked "Tenders for Dredging, and for Bridges" respectively.

H. N. BECHARD,
Commissioner,
Dover South P.O.

Debentures for Sale

Offers will be received at the Clerk's Office, Seaforth, up till noon, FEBRUARY 6TH, NEXT for $2400 Local Improvement Debentures, payable in 15 years. Interest at 4½ per cent. payable yearly. The highest or any offer not necessarily acceeted. The debentures are $400 each.

WM. ELLIOTT, Clerk.

CONCRETE PILES

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Wanted by an institution engaged in numerous building operations, young architect or architect's senior student and draughsman—one possessed of some practical knowledge and with an aptitude for detail. He will be required to scrutinize plans and specifications furnished by architects; keep in communication with the clerk of the different works; see that detailed working drawings are promptly placed in the hands of the various contractors; and generally to exercise a systematic supervision of the operations. Permanent position. The salary will be in keeping with the experience and capability of the appointee. Box 66, CONTRACT RECORD, Toronto, Ont.

DEBENTURES FOR SALE

Sealed tenders will be re eived by the under signed up to 12 o'clock noon on the 2ND DAY OF FEBRUARY, A. D. 1905, for the purchase of Debentures of the Town of Simcoe, known as the Consolidated Debentures, for $10,000 bearing interest at 4½ per cent., i. e., payable in equal annual instalments of principal and interest extending over a period of 30 years from 1st January, A. D. 1905, and for the purchase of Local Improvement Debentures of said Town of Simcoe to the amount of $3,000 bearing interest at 4½ per cent., repayable in annual instalments of principal and interest extending over a period of 20 years from the 28th day of December, 1904.

The purchaser to pay accrued interest.

The highest or any tender not necessarily accepted.

FRANK REID,
Town Treasurer.

Simcoe, 12th January, 1905.

The annual meeting of the shareholders of the Colonial Portland Cement Co. will be held at Wiarton, Ont., on Tuesday, January 31st.

Martin & Senglaup, plumbers, Niagara Falls, Ont., have dissolved, and A. W. Martin has formed a partnership with John Edwards, under the firm name of Martin & Edwards.

CONTRACTS OPEN.

CLARESHOLM, N.W.T.—A mill and elevator are to be built here.

BURFORD, ONT.—A movement is on foot to build a High school here.

DALHOUSIE, N. B.—A company has been formed here to build a woodworking factory.

SWAN LAKE, MAN.—Mr. Hodgson, of Headingly, has decided to build a grist mill here.

ST. ANDREWS, N. B.—A proposition is under consideration to establish an electric light plant here.

MIDLAND, ONT.—It is proposed to raise $10,000 for street improvement, including cement walks.

SYDNEY, N. S.—The Warden of the County has called attention to the necessity of building an asylum.

MILTON, ONT.—It is probable that the county of Halton will take steps shortly to build a House of Refuge.

QUEBEC, QUE. — J. Samson has commenced the erection of a building on St. Valier street, to cost $3,500.

NEW HAMBURG, ONT. — The New Hamburg Manufacturing Co. contemplate increasing the capacity of their works.

REGINA, N.W.T. — The Western Manufacturing Co. have just taken tenders on the erection of a factory on Dewdney street.

BALDUR, MAN.—It is expected that a new school to cost $9,000 will be built this year. A new English church may also be erected.

BURNSIDE, MAN.—Tenders will be received by R. J. Fawcett up to February 20th for the erection of a brick school with stone basement.

PETERBORO, ONT. — W. H. Meldrum, Wesley Collier and others propose to establish a factory for the manufacture of breakfast foods.

ARCOLA, N.W.T. — The ratepayers have petitioned the Council to take into consideration the question of providing an adequate water supply.

QU' APPELLE, N.W.T.—The ratepayers of Qu' Appelle School District No. 2 are taking steps towards the erection of a new school house.

BURK'S FALLS, ONT.—The Leiutenant-Governor will be asked to sanction the raising of $7,000 by debentures for the completion of the waterworks system.

CAMPBELLTON, N. B. — The Government have granted the Interprovincial Navigation Co. fifty feet adjoining the railway wharf for the purpose of building a new wharf.

PRINCE ALBERT, N.W.T.—The members of St. Albans' parish have decided to take steps at once to build a new church. Particulars from Bishop Newnham.

ATWOOD, ONT.—The new grist mill to be built by W. F. Forrest will be 40 feet square and of concrete. The total cost of building and plant is estimated at $11,000.

SEAFORTH, ONT. — Tuckersmith Township Council have decided to build a steel bridge of 90 feet span, with concrete abutments, to replace the Campbell bridge.

AUSTIN, MAN. — M. Thomas will receive tenders up to 31st inst. for the erection of a school room, with basement. Plans by Nicholson Lailey, architect, of Brandon.

MINNEDOSA, MAN.—Tenders will be received by E.B. Fisher, Village Clerk, up to noon of 28th inst., for rebuilding and extending the Main street iron bridge. Plans at the office of the Clerk.

INDIAN HEAD, N.W.T. — John Galt, C. E. & M. E., of Toronto, has been engaged by the Town Council to prepare plans and estimates for a waterworks system for this place.

WILLIAMSTOWN, N. B.—Tenders are invited up to February 25th for the completion of the interior of the Catholic church here. Plans at the residence of John Callahan, Farmerston.

NORTH TORONTO, ONT. — W McNairn, of Toronto, has purchased four acres of land on Yonge street, adjacent to the Dack residence, where he intends to build a fine suburban home.

MARSHVILLE, ONT.—The Reeve of Wainfleet Council has been instructed to procure plans for an iron bridge with concrete abutments, to be built over Big Forks creek on Chippewa Creek Road.

CARBERRY, MAN.—T. D. Stickle is asking for tenders up to February 15th for the erection of a three-storey brick block, 75x80 feet, on Main street. Plans by John Woodman, architect, Winnipeg.

SPRINGHILL, N. S.—R. B. Murray will receive tenders up to February 20th for the erection of a new wing to the Springhill Cottage Hospital. Plans by Harris & Horton, architects, Halifax, N. S.

BRANTFORD, ONT.—The Canada-Middlesex Railway Co. is applying to the Dominion Government for a charter to build an electric railroad connecting St. Catharines, Brantford, Woodstock and London.

GALT, ONT. — The Galt Building Constructing & Real Estate Co. is seeking incorporation, with a capital of $40,000, for the purpose of building houses in this city. F. E. Brown is solicitor for the company.

ST. JOHN, N. B.—The Canada Permanent & Western Canada Mortgage Corporation have purchased the Marshall building, corner Market square and Prince William street, and will, it is understood, make extensive improvements.

CHATHAM, ONT.—James L. Wilson & Son, architects, have just taken tenders on the remodelling of the old brick block on south side of King street, lately occupied by Mrs. J. B. Kelly as a millinery store. The proprietor is William Baby.

FORT WILLIAM, ONT.—It is understood that a Winnipeg syndicate contemplate the erection of a $100,000 hotel here, work to be commenced in the spring. The name of E. J. Rochon has been mentioned in connection with the project.

OWEN SOUND, ONT.—Representatives of the Carney Lumber Co. who were in town last week stated that they expect to commence the erection of their saw mill about the middle of March. —John Ramsay purposes building a two-storey brick store on Bay street.

FORT FRANCES, ONT. — The plans of Backus & Co. for building a dam and developing a water power on the Rainy River at this place have been approved by the Commissioner of Public Works, and it is stated that the contracts for the work will be let at once.

RED DEER, N.W.T.—Tenders are invited by the Department of Public Works, Ottawa, up to Friday, February 3, for the installation of a hot water heating system at the Court House here. Plans on application to Hugh Clarke, Clerk of Works.

VICTORIA, B. C.—J. C. M. Keith, architect, has prepared plans for a bungalow to be built by Alfred Wood on corner of Washington ave. and Gorge road, to be of stone, cost $10,000.—It is believed that during the present year the question of providing an adequate water supply will be settled by the City Council.

BERLIN, ONT.—I. Wey, architect, is preparing plans for three brick residences for John Boegel, of St. Clements, to be erected opposite the Berlin-Waterloo Hospital, a brick residence for Joseph Brick, Weber st., and another for Conrad Euler, Waterloo street. Mr. Wey expects an active building season this year.

AROOSTOOK FALLS, N.B.—The Maine & New Brunswick Electric Power Co. will, in the early spring, commence developing their property at this place. It is estimated that 4000 horse power can be developed and it is intended to furnish light and power to a number of towns on either side of the boundary.

NIAGARA FALLS, ONT.—A company has been formed here for the canning of vegetables and fruit and the manufacture of native wines. It is proposed to erect a factory 150x150 feet and wine vaults 50x250 feet, of Queenston cement. Isaac Usher is president of the company and A. S. Murray secretary.

WINDSOR, ONT. — It is learned that plans are under way looking to the construction of an electric railway between Windsor and Chatham. The names of H. H. Welsh, a capitalist of Chicago, and William L. Wilson, secretary of the Home Protectors' Loan Co., Port Huron, Mich., have been mentioned in connection with the project.

EDMONTON, N.W.T. — The City Engineer's tender for the construction of waterworks and sewer extensions was $41,585, instead of $31,585 as given in the CONTRACT RECORD of January 11th. It has been decided to make slight changes in the plans and call for new tenders. Some of this work is over 40 feet deep.

PORT ARTHUR, ONT.—MacKenzie & Mann have decided to erect an iron smelter at this place, to have a capacity of 150 to 200 tons of iron ore per day.—A. L. Russell, of this place, has been given charge of the preliminary surveying of the Kakabeka Falls and will commence work at once with a view to determining the best location for storage dams.

FREDERICTON, N. B.—John Gibson & Sons have, it is understood, completed arrangements to erect a brick building on Queen street, to replace their present premises, at a cost of $15,000. Building operations will be commenced in the spring.—W. J. Scott, president of the Scott Lumber Co., has purchased a part of the Ketchum property at Salamanca and intends building a fine residence in the spring.

LONDON, ONT.—The managers of St. Andrew's church have decided upon the erection of a new Sunday school building. The pastor is Rev. James Ross. —At the annual meeting of St. James' Presbyterian church held last week, the question of providing increased accommodation for both the church and Sunday school was considered.—A. O. Graydon, City Engineer, has reported that the cost of tiling Carling's creek would be $25,150, made up as follows: 8,460 feet of tile, $16,920; laying tile, $4,320; filling in, $4,000.

VANCOUVER, B. C.—Plans are being prepared for a residence for Frederick Buscombe, to be built on the corner of Barclay and Chilco streets. It will be two stories and built of half-timber work; estimated cost $20,000.—H. A. Wilson, of Stillwater, Minn., was in the city last week looking over the available sites for the establishment of saw mills. He is understood to represent capitalists who are prepared to invest a considerable sum.—An agreement has been reached between the Canadian Pacific Railway Co. and the British Columbia Electric Railway Co. under which the latter will operate the Lulu Island branch railway between Vancouver and Steveston, on the Fraser river. The road will therefore be electrified.

OTTAWA, ONT. — At the annual meeting of the Stewarton Presbyterian church held last week, the erection of a new church was discussed but no definite action taken. It has been suggested to sell the present site and build a larger stone church, costing about $25,000, on a site further east on Argyle ave.—The congregation of Erskine Presbyterian church, of which Rev. A. E. Mitchell is pastor, have decided to build a new church to seat about 1,300 people and cost approximately $20,000.—The City Clerk has just invited tenders for the carpenter work and installation of heating apparatus and brickwork for the Fat Stock Show Building. The architects are Bayly & Huber, 49 Metcalfe street.—Plans of hot water heating system to be installed in the Court House at Red Deer, N.W.T., may be seen at the Department of Public Works, this city. Tenders close Friday, February 3.

STRATFORD, ONT.—Orr & Russell, architects, have prepared plans for additions and improvements to St. Patrick's church at Kinkora, to cost about $5,000 A new sacristy, 22 x32 feet, will be built, of white brick, and steam heating installed for the entire building. Tenders will be asked for in a few days. — The City Council have decided to construct the following pavements: Asphalt block on Downie street, from George to Albert streets, cost $13,080.10; vitrified block on Downie street, from George to Shakespeare streets, cost $17,605; asphalt block on Ontario street, from Church to Waterloo and from Waterloo to Queen streets, cost $61,972; vitrified brick on Brunswick street, from Downie to Waterloo streets, cost $6,209; vitrified brick on Waterloo street, from Ontario to Downie streets, cost $11,654.—At the last meeting of the Market and Relief Committee, the erection of a new market building was discussed.—The by-laws for $50,000 for waterworks extension, $7,000 for sewage disposal, and $3,000 for a morgue, which were carried by the ratepayers on January 2nd, have been finally passed by the Council.

HAMILTON, ONT.—At the annual meeting of St. Andrew's church last week, preliminary steps were taken towards the erection of a new edifice.—A committee has been appointed to report upon a site for a new church to be built by McNab street congregation.—It is understood that the International Harvester Co. propose to greatly extend their buildings this year. There is a great dearth of dwellings in this city and

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MONTREAL

several syndicates are being formed to start out early in the spring to erect dwellings suitable for workingmen.—The Sewers Committee have decided to ask the Government to assist to build sewage disposal works at the west end of the city, through which section the asylum is drained.--The City Engineer has been instructed to prepare plans for a sewer to drain the Annex east of Sherman ave. and north of Barton street, but the work is not likely to be done this year.—J. C. Slater, of Waterdown, has purchased 200 feet of land on St. Matthew's ave., this city, on which he will likely build brick residences.—The architect who is to have charge of the building of the $50,000 addition to the city hospital has been commissioned to visit other cities for the purpose of obtaining information concerning modern methods of design and construction.

WINNIPEG, MAN.—James Munro, of New Glasgow, N. S., proposes to establish a wire factory in this city.—Joseph Maw has purchased the property immediately in the rear of his warehouse at corner of William ave. and King street, which it is his intention to utilize for manufacturing purposes. Modern machinery for automobile repairs will be installed on the top floor. — President Mackenzie, of the Canadian Northern Railway, states that the building of new terminals in this city will be proceeded with as rapidly as possible in the spring. The completion of the main line to Edmonton will be carried out next summer and it is proposed also to complete the Prince Albert branch and to build a line from Swan River into the Swan River Valley country. — William Whyte, second vice-president of the Canadian Pacific Railway, states that the estimates for this year include appropriations for steel bridges to replace a number of wooden bridges in the mountains.—Plans of three-storey brick block to be built at Carberry by T. D. Stickle may be seen at the office of John Woodman, architect, Merchants Bank Block.—John McDonald, formerly of the Bank Hotel, has purchased the Kastner block property on Notre Dame ave. and will spend about $15,000 on improvements. — At the annual meeting of the Point Douglas Presbyterian congregation the management was instructed to procure plans for a new church. St. Giles congregation are also considering increased accommodation.—The Bell Telephone Co. have purchased six lots on Henry ave., running through to Fonseca street, and intend in the early spring to build a large stores warehouse and repair shops. — The George H. Lee Co., manufacturers of tanks, steam fed cookers, etc., Omaha, Neb., have decided to build a factory and warehouse in this city—Plans for rebnilding and extending the Main street iron bridge in Minnedosa may be seen at the office of the Provincial Government Engineer in this city.—Darling, Pearson & Over, architects, have prepared plans for a new building of cut stone to be built at Fort William, Ont., for the Canadian Bank of Commerce.

MONTREAL.—The Board of Governors of the Royal Victoria Hospital have decided to rebuild the damaged portion of the hospital at once. An independent water supply may also be installed.—The necessity of erecting a new building was again brought before the governors of the Western Hospital at their meeting last week.—The financial arrangements have been made and the site secured for the new hotel to be built at Lachine, but Mr Ross-Ross, secretary of the company, estimates that it will take eight months to complete the building.—The Longueuil Tramway Co. is seeking incorporation to build an electric railway from Montreal to Longueuil and through other parishes of Chambly County.—Plans are being prepared for the addition of two stories to the general offices in this city of the Grand Trunk Railway Co., work on which will be begun early in the coming summer.—The promoters of the Alexandra Hospital have decided to make the new building fireproof, which has necessitated certain changes in the plans.—The plans prepared by Hutchison & Wood, architects, for the Heather curling rink, to be built on the east side of Kensington ave., between Catherine st. and Western ave., show the rink proper to be 76 x 148 feet, roof supported on steel posts and girders, walls of solid brick, and the front faced with pressed brick and sandstone trimmings. Work will be commenced in the spring.—The D. B. Martin Co., of Philadelphia, have purchased the Eastern abattoir at the head of Frontenec street, this city, and announce that it is proposed to spend at least $150,000 on the property. It is the intention to double the capacity of the abattoir and install new machinery.—Chief Benoit, of the Fire Department, has approved of the proposal to build a fire station somewhere in the vicinity of Pine ave. He estimates the cost of a suitable station, without the necessary equipment, at $20,000.—Tenders will be invited immediately for a new fire engine, new extension ladder and 5,000 feet of hose.—The following building permits have been granted : Theo

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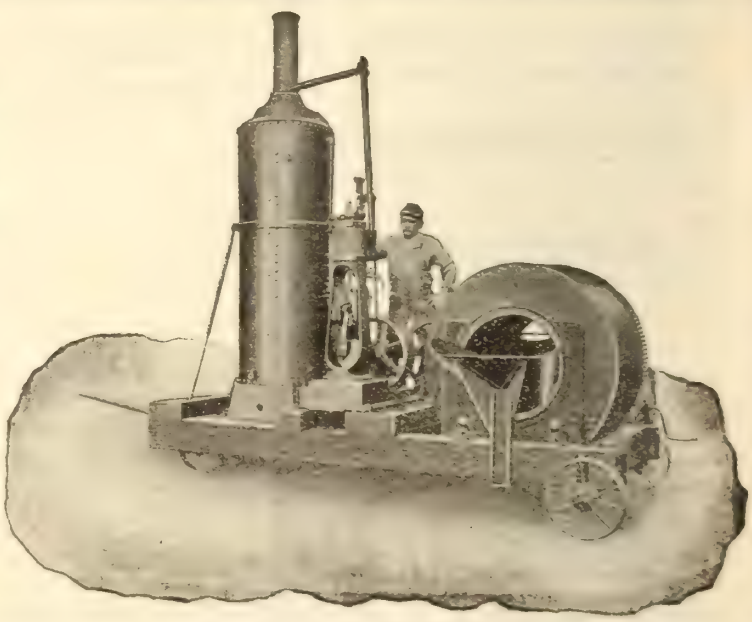

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Corbeil, Magdalen street, two-storey brick and wood dwelling, cost $3,200; Leon. Charbonneau, Richelieu street, three-storey wood and brick dwelling, cost $3,500; J. E. Tremblay, St. Catherine street, three-storey wood and brick dwelling, cost $3,000; Roy Usebe, Metana street, five two-storey wood and brick dwellings, cost $7,500; F. Gaudreau, Dorchester street, repairs to dwelling and store, cost $2,000; Wm. Dupre, Mount Royal street, repairs to dwelling, and store, cost $750; Jas. M. Aird, St. Urbain street, repairs to bakery, cost $2,400; Grier & Yuile, Macgregor street, repairs to house and factory, cost $1,000.

TORONTO, ONT. — The American Chicle Co. propose to build a $30,000 chewing gum factory and chicle storehouse between Logan ave. and Carlaw ave., just south of the G. T. R. tracks. — Hedges Bros., 32 Clinton street, want tenders for excavation, stone and brick work for a pair of houses. — At the annual meeting of Chalmers church last week, a committee was appointed to solicit subscriptions and eventually proceed with the erection of a Sunday school building to cost about $12,000. Rev. H. A. Macpherson is pastor. — A 75-foot lot on McMillan street, part of the estate of the late A. B. Lee, changed hands last week and it is understood that the purchasers will build dwelling houses on the site. — Plans have been prepared for the new Art Gallery for the Industrial Exhibition Association. The building will be 128 x 82 feet and will cost $27,000 in concrete or $29,000 in brick. — It is stated that the King Edward Hotel Co. have acquired 7 acres of land at York Mills and purpose building thereon a large factory for the preparation of aerated water on an extensive scale. The plan is understood to include the erection of a number of workingmen's houses. -Thomas Clegg has submitted an offer to the Island Committee for a 21 year lease of the property occupied by his hotel at Hanlan's Point. If given a lease he proposes to build a large hotel. — Charles Bulley proposes to commence next month the erection of four residences on Withrow ave., in the east end. — Building permits have been granted as follows: Mark Fisher & Sons, five-storey brick and stone office building, 84 Bay street, cost $30,000; E. Whaley, two-storey brick residence, Roxborough street east, near Chestnut Park place, cost $7,750; Canadian Horse Exchange, one-storey brick stable, 60-64 Jarvis street, cost $3,800; Mayell & Co., two-storey brick and stone factory, east side Dufferin street, near King, cost $10,000; Jones & Moore Electric Co., three-storey brick and steel factory, 296 Adelaide street west, cost $2,500; Miss E. Cannon, two-storey brick dwelling, 375 Manning ave., cost $2,000; James Burford, two-storey brick dwelling, 8 Vermont ave., cost $2,400; H. G. Paul, two-storey brick residence, south side College street, near Lippincott, cost $2,500; W. A. Cotton, 2½ storey brick dwelling, corner Dovercourt road and College street, cost $4,500; John Stark & Co., pair two-storey brick dwellings, east side Dufferin street, near Lindsay ave.

FIRES.

Sash and door factory of Lewis Caron, Nicolet, Que., totally destroyed; heavy loss. — St. Johns Athletic Club House, Oxford street, London, Ont., loss $3,000. — The Commercial Club, Main street, Winnipeg, damaged to the extent of $20,000.—Saw mill of R. A. Estey & Co. at Fredericton, N.B., totally destroyed; loss $12,000.

CONTRACTS AWARDED.

MITCHELL, ONT.—A. Hill & Co. have secured the contract for two steel bridges to be built in the Township of Grey.

KAMLOOPS, B. C.—R. MacKay has been awarded the contract to enlarge the concentrator building at the Iron Mask mine, at a cost of about $7,500.

NIAGARA FALLS, ONT.—The contract for brass and iron castings for the Welland canal for 1905 has been awarded to the Niagara Falls Machine & Foundry Co., of this city.

BIDS.

BLENHEIM, ONT.—Harwich Township Council received the following offers for purchase of debentures: G. A. Stimson, Toronto, $10,941 60 for face value of $10,845.30; W. C. Brent, Toronto, $10,909.

STEWARTVILLE, ONT.— McNab Township Council opened tenders for the construction of a new bridge across the Madawaska river. Prices for wooden structures appoximated $8,000, and for iron structures $18,000. The contract will be awarded at the next Council meeting.

The Brick Manufacturing and Supply Co., Limited, of Loudon, Ont., has obtained a charter.

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IRA G. HEDRICK, Mem. Can. Soc. C. E. Mem. Inst. C. E. Mem. Am. Soc. E. C.
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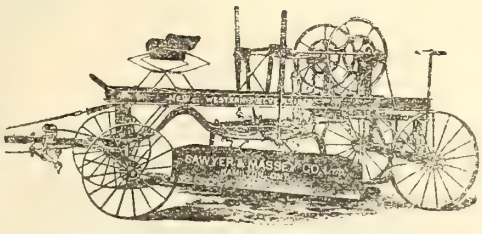
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NEW COMPANIES.

Canada Tin Plate & Sheet Steel Company, Limited, Morrisburg, Ont., incorporated, capital $1,500,000, to carry on a general foundry and machine shop business and to manufacture iron, steel and other metal work. Directors, N. D. Lewis, of Cardiff, England; J. A. Meldrum, B.D. Cole, of Toronto, and others.

Buffalo and Leamington Oil & Gas Company, Limited, Ont., incorporated, capital $100,000. Directors, Edwin Wigle, of Leamington; C. L. Meyer, of Township of Pelee, and M. J. Gemmell, of Perth.

Acme Manufacturing Company, Limited, Toronto, incorporated, capital $40,000, to manufacture implements, plumbers supplies, etc. Directors, J. T. Eastwood, Nicholas Murphy, E. E. Wallace, Frank Hodgson and A. J. Walker.

Stratford Mill Building Company, Limited, Stratford, Ont., incorporated, capital $200,000, to manufacture mill machinery, boilers, etc. Directors, William Preston, James B. Greig and E. M. Preston.

Brick Manufacturing & Supply Company, Limited, London, Ont., incorporated, capital $40,000. Directors, William Tytler, R. G. Wilson, and others.

Wilberforce Lumber Company, Limited, Durham, Ont., incorporated, capital $40,000, to manufacture lumber and other timber products. Directors, George Sparling, A. S. Hunter and David Jamieson, all of Durham.

A Weller & Company, Limited, Toronto, incorporated, capital $40,000, to acquire the contracting business carried on by the firm of A. Weller & Company. Directors, James Stares, William Weller and James Weller.

Canadian Corundum Wheel Company, Limited, Hamilton, incorporated, capital $40,000, to manufacture corundum and emery wheels. Directors, Levi Sherk, H. E. Sherk, George F. Webb, William Bell and A. S. Devine.

St. Marys Quarries, Limited, St. Marys, Ont., incorporated, capital $200,000, to quarry, manufacture and deal in stone, cement, etc. Directors, Alexander Douglas, T. T. Garner, James W. Graham, David Bonis and Alexander Calley.

Canadian Builders, Limited, Toronto, incorporated, capital $1,000,000. Directors, G. P. Magann, contractor, Toronto; James C. Stewart, contractor, New York; C. F. Franson, engineer, Pittsburg, and others.

Standard Construction Company, Limited, Ottawa, incorporated, capital $1,000,000. Directors, E. J. Chamberlin, railway contractor; J. W. Smith, railway official; G. E. Fauquier, contractor, of Ottawa, and others.

Municipal Homes & Investment Corporation, Limited. Montreal, incorporated, capital $125,000, to carry on the business of providing houses and building lots. Directors, Alphonse Piche, architect; James Bennett, electrical contractor, both of Montreal, and others.

Drolet & Forget, plumbres, Montreal, have dissolved.

BUSINESS NOTES.

The Piper Brick & Tile Co. has succeeded Piper & Co., manufacturers of brick, Red Deer, N.W.T.

The Somerset Brick Co., Limited, of Somerset, Man., has been incorporated for the purpose of manufacturing bricks and tiles and other building materials.

The Laprairie Brick Co., Montreal, have elected the following board of directors: President, A. A. Ayer; vice-president, Peter Lyall; managing director, James W. Tester; John Forman, T. A. Trenholme, John McKergow and Paul Galibert.

George H. Webster, formerly division engineer of the Canadian Pacific Railway Co., has acquired an interest in the British Columbia General Contract Co. and has been elected president in place of C. D. Fowler, who has resigned.

The Builders' Exchange of London, Ont., have elected the following officers for 1905: President, Henry Stratfold; first vice-president, George C. Young; second vice-president, James S. Luney; secretary-treasurer, George S. Gould; board of directors, E. Martyn, John Whittaker, L. H. Martyn, A. Nobbs, and John Janex.

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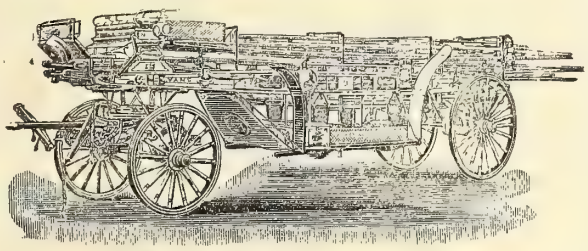

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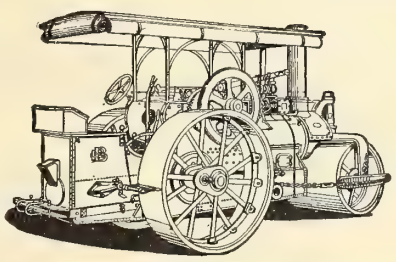

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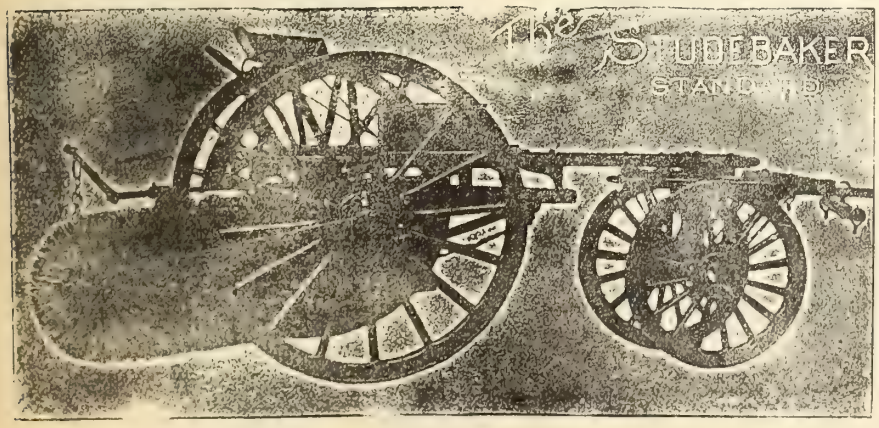

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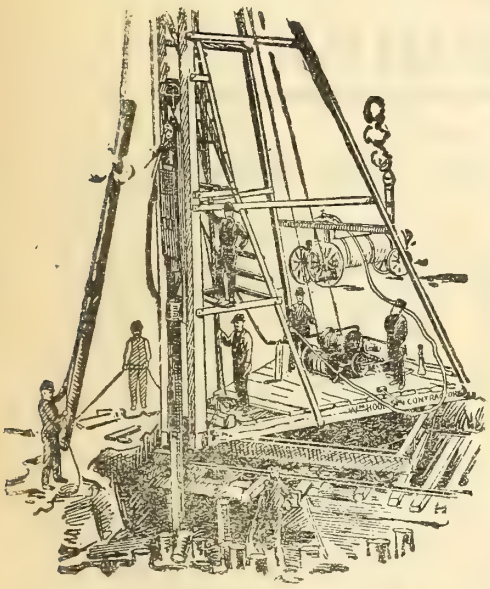

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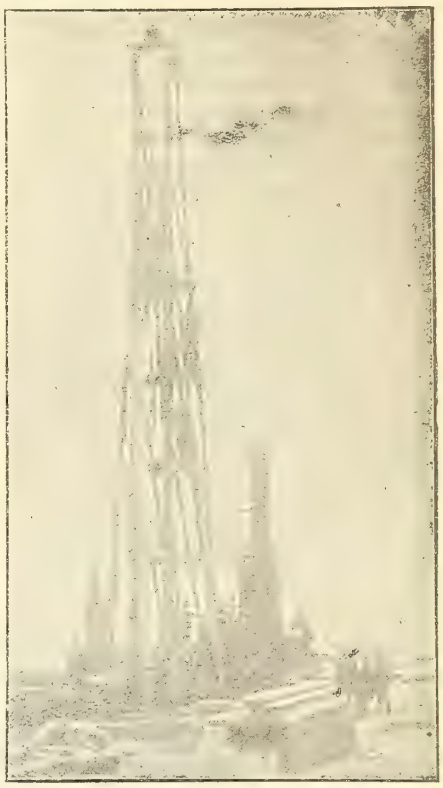

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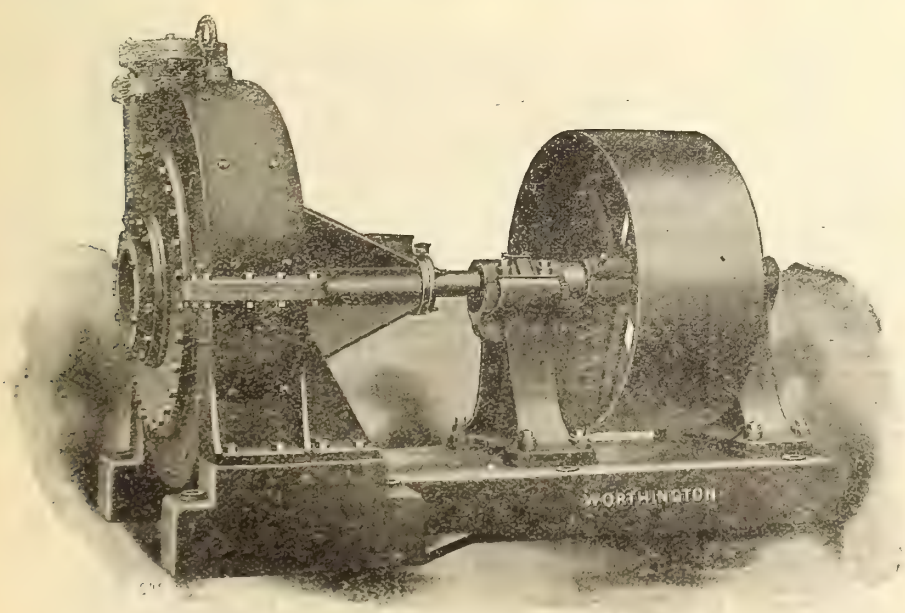

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DOMINION GOVERNMENT ESTIMATES.

The Dominion Government estimates for 1905 were presented to the House last week. The total expenditure authorized is $58,495,187, a decrease of $3,300,000 as compared with the previous year. The Ontario votes for public buildings are as follows:

Belleville armory, $30,000; Bowmanville public buildings, $7,200; Brantford drill hall, $25,000; Bridgeburg public buildings, $16,000; Chatham armory, $55,000; Cobourg armory, $14,500; Dominion buildings, renewals, improvements, repairs, etc., $12,000; Galt public buildings, alterations to post office, $3,000; Guelph armory, $40,000; Guelph public buildings, addition to, $5,500; Hamilton drill hall, addition, $50,000; Hawkesbury public buildings, $13,000; Kingston military buildings, barracks for Royal Canadian Field Artillery, $20,000; Kingston military buildings, stable accommodation for field battery, $5,000; Kingston Royal Military College, addition to drill hall, $6,000; Kingston Royal Military College, servants' quarters, $8,000; Kingston Royal Military College, stable, $5,000; London military buildings, magazine, $3,000; London military buildings, new stores building, $10,000; London post-office, addition and improvements, $20,000; North Bay public building, $15,000; Oshawa public building, $21,500; Ottawa department building, steel drawers and roller shelves, etc., $25,000; Ottawa public building, new coal shed, $10,000; Ottawa Parliament Buildings, improvements in main entrance hall, renewal of skylights, windows, etc., $10,000; Ottawa public buildings, pavement on Wellington street, opposite buildings, $35,000; Ottawa post-office, restoration of burned building and addition of new stores, $80,000; Ottawa Government Printing Bureau, to replace

(Continued on page 12.)

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Syracuse Smelting Works, Montreal.

THE ONTARIO ASPHALT BLOCK CO., L'T'D.

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ASPHALT BLOCK PAVING

Information and samples furnished municipalities on application.

Main Office: WINDSOR, ONT. Works: WALKERVILLE, ONT.

THE CANADIAN SEWER PIPE CO.

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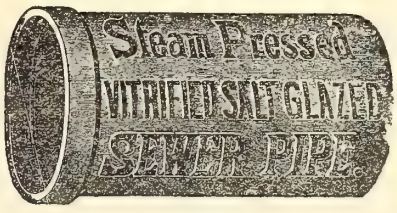


FOR

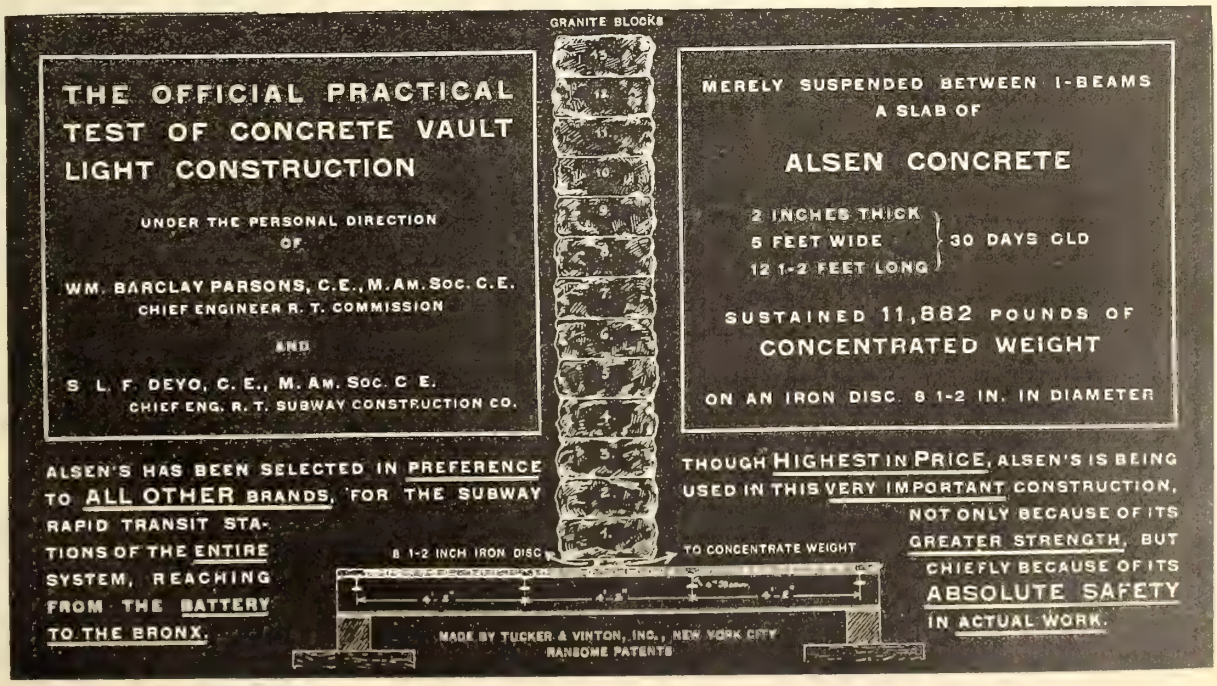
Sewers, Culverts and Water Pipes

Inverts for Brick Sewers

WRITE FOR DISCOUNTS

ST. JOHNS, P.Q. HAMILTON, ONT. TORONTO, ONT

ALSEN'S, 45 Broadway, NEW YORK



the present wooden roof by a fireproof roof and raise the walls for one additional storey on main building and two additional stories on annex, $30,000; Peterborough armory, $30,000; St. Catharines drill hall, $45,000; St. Marys public building, $15,000; Sandwich public building, $15,000; Simcoe public building, $15,000; Stratford armory, $47,000; Toronto Customs House, alterations and additions, $15,000; Toronto Dominion buildings, improvements, renewals, repairs, etc., $8,000; Toronto drill hall, additional accommodation for new corps, $40,000; Toronto ex-warehouse, addition, $12,000; Toronto military buildings, magazine, $3,000; Toronto military buildings, new stores buildings, $10,000; Toronto military buildings, barracks for permanent corps, $50,000; Toronto post office, land, building, pneumatic plant and machinery, $100,000; additional postal station, $60,000; Toronto postal station "C," quarters for caretaker, $1,500; Wingham public building, $8,000; Woodstock armory, $45,000; Ottawa public buildings, including repairs, ventilation and lighting, furniture, etc., $140,000; Rideau Hall, including grounds, renewals, improvements, furniture, and maintenance, $25,000; post office fittings and supplies, $5,000; Dominion cattle quarantine stations, improvements, etc., $6,000.

The votes for rivers and harbors in Ontario are as follows: — Amherstburg Harbor, improvement of channel, etc., including purchase of land, $30,000; Belle River, dredging and renewing protection work, $4,000; Bayfield, repairs to north pier and dredging, $2,500; Beaverton, harbor improvements, $8,000; Blanche River, improvement of, $9,500; Bracebridge, wharf, $3,000; Bronte, harbor improvements, $8,000; Cobourg, repairs to piers, $5,000; Collingwood, harbor improvements, $60,000; Depot Harbor, breakwater, $20,000; Goderich, harbor improvements, $70,000; Grand Bend, breakwater, pier, etc., $15,000; harbors, rivers and bridges, general repairs and improvements, $20,000; Haileybury (Lake Temiskaming) wharf, $2,500; Hamilton, harbor improvements, $30,000; Kincardine harbor, repairs to piers and dredging, $2,500; Lake Temiskaming, wharves, $3,000; Little Current, improvement of northern channel, $50,000; Matchedash Bay, improvement of channel between Fesserton and Waubaushene, $8,000; Meaford Harbor, improvements, $66,000; Midland Harbor, improvements, $7,000; Newcastle, repairs to pier, $3,300; Oliphant, wharf, $1,000; Ottawa, wharf at foot of Rideau Canal, $5,000; Owen Sound Harbor, dredging and protection, $10,000; Parry Sound, wharf, $8,000; Petewawa, wharf, $4,000; Pembroke, wharf, $20,000; Penetanguishene, dredging and other improvements, $10,000; Point Edward, dredging, $17,000; Port Burwell, harbor improvements, $50,000; Port Bruce, wharf, $5,000; Port Dover, harbor improvements, $5,200; Port Hope, repairs to piers and dredging, $5,000; Port Stanley, harbor improvements, $70,000; River Otonabee, dredging at Peterboro, $6,000; Rondeau Harbor, improvements, $70,000; Sarnia, dredging, $10,800; Saugeen River, improvements at mouth, $10,000; Spanish River, dredging, $10,000; Thessalon, breakwater, $8,500; Thornbury, dredging, $6,750; Toronto Harbor, eastern entrance, $28,000; Toronto Harbor, extension of Island breakwater, $60,000; Treadwell, wharf, $3,500; Wiarton, wharf, $13,000; Wiarton, dredging, $9,000.

Quebec buildings are voted $90,000. Sherbrooke gets $10,000, Three Rivers $35,000, and St. Hyacinthe $30,000, for drill halls. Acton Vale, Chicoutimi, Iberville, Lachute, Levis, Longueuil, Magog, Montmagny, St. Johns, the Mile End, Terrebonne, Thedford Mines and Valleyfield are favored with public building votes.

The vote for railways and canals, chargeable to capital, is $6,402,210, the principal item being $700,000 for rolling stock for the Intercolonial Railway. The Welland Canal items are: Improvements at Port Colborne entrance, $250,000; electric lighting and power plant, $100,000; to remove obstructions and make other improvements, $75,000; to deepen portions of summit level between Port Colborne and Thorold, $80,000; to remove centre piers and rebuild bridges at Niagara and Queenston streets and Homer Road crossings, $150,000; to make survey of canal, $20,000; elevator at Port Colborne, including foundations, $310,000; stone protection to banks of new canal, $10,000; to change valves and hanging gear of new Welland Canal lock gates, $15,000; to build retaining wall in rock cut, $60,000.

The Cornwall canal is voted $7,000; Galops canal, $135,000; Galops rapids, $26,500; north channel Galops, $70,000; Lachine canal, $106,000; Rideau canal, $50,000; Sault Ste. Marie canal, $100,000, and Trent canal, $307,000.

The following Ottawa items are also charged to capital: Dominion Archives Building, $45,000; Royal Mint, $200,000; Victoria Memorial Museum and other buildings, $250,000; Western Departmental Block, addition, $85,000.

Prices of Building Materials.

PRESSED BRICK, Per M.

MILTON PRESSED BRICK AND SEWER PIPE CO.

	F.O.B. Milton, Ont.	F.O.B Montreal
Red No. 1	Please write to head office, Milton, Ont., for catalogue and prices.	$18 00
" 2		16 00
" 3		14 00
Buff No. 1		20 00
" 2		18 50
Brown		25 50
Roman Red		30 50
" Buff		33 50
" Brown		40 50
Hard Building		12 00
" Sewers		12 00
" Backing		11 50

DON VALLEY PRESSED BRICK WORKS.

Nos. 1, 2 and 3, Red Pressed Bricks
Nos. 1 and 2 Buff Pressed Brick
No. 1 Brown Pressed Brick
Pompeiian Red, Buff and Brown Pressed Bricks
Ornamental Bricks of all kinds for Mantel purposes.
Porous Terra Cotta Fireproofing of all Descriptions
Vitrified Street-Paving Bricks
Semi-Vitrified Foundation Bricks
Common Stock Red and Grey Bricks
Sewer Bricks
Stone or Macadamized Roadways

Please write to head office 34 Toronto St. Toronto for catalogue and prices.

(Coninued on page 14.)

JOHN GALT, C.E.&M.E.
MEM. CAN. SOC. C.E. AND C.E.A., ETC.
CONSULTING ENGINEER and EXPERT
National Trust Building
20 King Street East Toronto
Specialties—Water Supply and Sewerage.

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LIMITED
OWEN SOUND, ONT.
The Only Makers of the Celebrated IMPERIAL and the Makers of ONLY that One Brand and Quality of
PORTLAND CEMENT

Portland Cement...
HIGH GRADE GERMAN BRANDS FOR GRANOLITHIC AND ARTIFICIAL STONE SIDEWALKS.
Sewer Pipes, Culvert Pipes, &c.
Best English Cements. Best Belgian Cements
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Be independent. Do not ask a friend to go on your bond. Write to
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6 COLBORNE STREET, - TORONTO, ONT.

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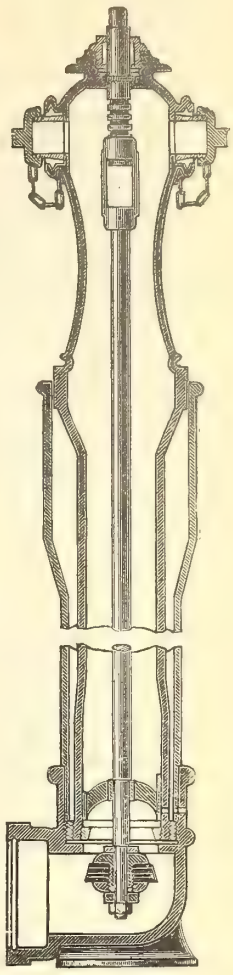
Frost Proof Hydrants

Our Toronto Hydrants are fitted with frost cases separated from the Hydrant, thereby preventing injury caused by up-heavals of the ground by frost



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OF EVERY DESCRIPTION

Pumps for Boiler Feeding, Hydraulic Elevators and all duties requiring the delivery of liquids under heavy pressure

CANADA FOUNDRY COMPANY

LIMITED

Head Office and Works: TORONTO, ONT.

District Offices: MONTREAL HALIFAX OTTAWA WINNIPEG CALGARY VANCOUVER ROSSLAND

THOS. J. DRUMMOND, President. JAMES T. McCALL, Secretary-Treasurer. C. ED. GUDEWILL, Vice-President

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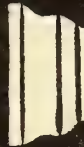
Valves



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Valve Boxes and general Water Works Supplies

Works at: LACHINE, QUE. THREE RIVERS, QUE LONDONDERRY, N. S.

Combined daily capacity 175 Tons Pipes and Castings.

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THE CARTSHORE-THOMSON PIPE & FOUNDRY CO.

LIMITED.

Manufacturers of

Flexible and Flange Pipe, Special Castings and all kinds of Waterworks Supplies

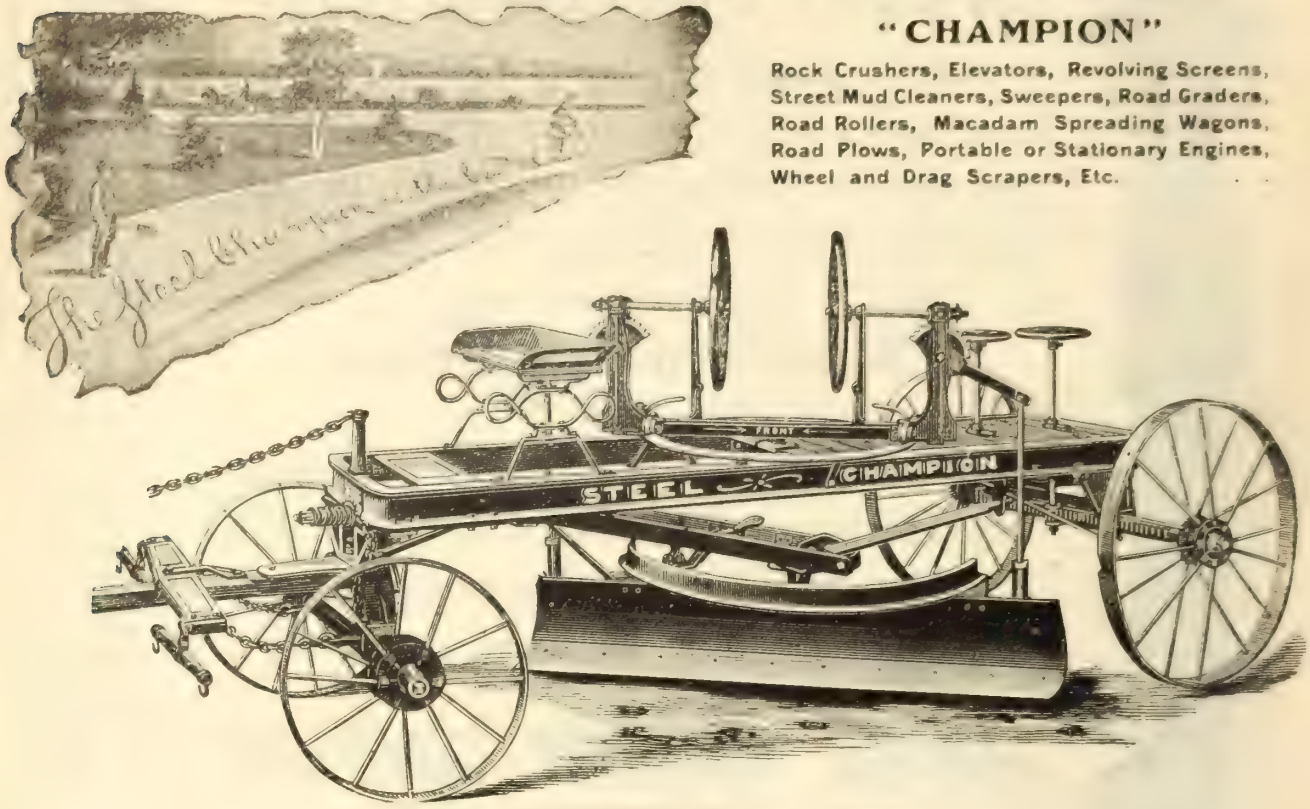
3 inches to 60 inches diameter.

For Water, Gas, Culvert and Sewer

HAMILTON, ONT

THE GOOD ROADS MACHINERY COMPANY, LIMITED, Hamilton, Canada

The Steel "CHAMPION" Reversible Road Machine The Simplest, Strongest and Best. Don't it look it? Built for service. A strictly High-Grade Road Machine.



"CHAMPION"

Rock Crushers, Elevators, Revolving Screens, Street Mud Cleaners, Sweepers, Road Graders, Road Rollers, Macadam Spreading Wagons, Road Plows, Portable or Stationary Engines, Wheel and Drag Scrapers, Etc.

The Steel "CHAMPION" is the King of Graders.

All mechanics agree that the simpler the machine the more valuable it is. In complicated machines look out for trouble and expense

Send for latest printed matter and our 1905 Calendar to

Good Roads Machinery Company, Limited,

JOHN CHALLEN, President and General Manager.

Address—Late Killey Beckett Works, 144 York Street, HAMILTON, ONT.

Prices of Building Material

(Continued from page 12.)

TORONTO PRESSED BRICK AND TERRA COTTA WORKS

	F.O.B. Milton, Ont.	F.O.B. Montreal.
Red No. 1	12 50	18 00
" 2	10 50	16 00
" 3	8 50	14 00
Buff No. 1	15 00	20 00
" 2	13 00	18 50
Brown	20 00	25 50
Roman Red	30 00	30 50
" Buff	30 00	33 50
" Brown	35 00	40 50
Hard Building	6 50	12 00
" Sewers	6 50	12 00
" Backing	6 00	11 50

Moulded and Ornamental from $2.00 to $5.00 per 100.
Terra Cotta String Courses and Frieze, from 50c. to $2.00 per ft. run.
Roofing Tiles, $20.00 per 1,000, $23.00 Montreal.

BEAMSVILLE BRICK AND TERRA COTTA CO.

	F.O.B. Beamsville.	F.O.B. Montreal.
Red Peerless Facing	$16 00	$21 50
" No. 1	14 00	19 50
" No. 2	12 00	17 50
" No. 3	10 50	15 00
Brown Peerless Facing	20 00	25 50
" No. 1	18 00	23 50
Buff Peerless	20 00	25 50
" No. 1	18 00	23 50
" No. 2	15 00	20 50
Moulded and Ornamental Brick from $3 to $10 per C:		
Roman Red (Size 12 x 4 x 1½ in.)	30 00	35 50
" Buff " "	30 00	35 50
" Brown " "	34 00	39 50
Vitrified Paving Brick No. 1	18 00	23 50
" " " No. 2	15 00	20 50
Sewer	8 00	15 50
Roofing Tile	22 00	20 00

FIRE BRICK

TORONTO POTTERY CO.	F. O. B. Toronto Car lots	Less
Boyd	20 00 M.	25 00 M.
W. W. Co.	22 50 M.	27 50 M.
Savage Crown	28 50 M.	32 00 M.
Ramsay		30 00 M.

STONE.	Toronto.	Montreal
Common Rubble per toise, delivered at building	13 50	11 00
Large flat Rubble, per toise, delivered	14 00	18 00
Foundation Blocks, per c. ft.	40	50
Granite (Stanstead) Ashlar, 6 in. to 12 in., rise 9 in., per ft.		25
Amherst Red Sandstone Amherst, N.S., per cub. ft. at quarry		40
Sackville, N.B., brown or red stone f. o. b. Quarries	45	45
Masillon	30	4
Myers-Northport Red or River		

	Toronto.	Montreal.
Philip Gray Sandstones f.o.b. per cubic foot	75	65
Stanstead granite paving blocks, 8 in. to 12 in. x6 in. x4½ in. per M		50 00
Granite curbing stone, 6x 20 in. per lineal foot		70
Buctouche Olive Freestone	85	65
Olive Sandstone (Indiantown, N. B)	80	70
Brown Sandstone (Sackville, N. B.	80	70
Moat red sandstone, per cu. ft.		60
Black Pasture buff stone per cu. ft.		50
Nova Scotia blue grey, per cu. ft.		65
Coursers, 6 to 8 in. f. o. b. St. Mary's. per cord		7 00
Footing, 6 to 10 in. per cubic ft.		15
Dimension Stone, f. o. b. St. Mary's, per cubic foot		35
Granite (Laurentian Pink) Ashlar, 6 to 2 in., rise 9 in., per c ft.		25
Dimension Stock Granite, (Laurentian Pink) for building purposes, per c. ft., f.o.b. quarries		40
Do., for polishing purposes, up to 2 tons weight, per cubic foot		70
	F.O.B. Halifax	
Dimension stock granite for building purposes, per cu. ft.		50
Do., for polishing purposes, up to 2 tons weight, per cubic ft.		1 00
Paving sets, per thousand block		60 00

CREDIT VALLEY STONE.

	F.O.B. Quarries.
Rubble, per ton	65
Brown Coursing, up to 10 per sup. yard	85
Brown dimension, per cub.	70
Grey coursing, per sup. yard	1 25
Grey dimension, per cub. ft.	50

ROMAN STONE.	F. O. B. Factory.
Sills, tooled scated and throated 35c. per lineal foot	
Hollow Block, 12-inch wall, per superficial foot	40
Window Heads and Ashlar, per superficial foot, 4-inch bed	40
String Courses, Molded and Ornamental, per lineal foot, 50c. to	2 00
Chimney Caps, $2 to	5 00

SLATE.	Toronto.	Montreal.
Roofing (*per square*).		
Sea	20 00	20 00
purple	9 00	10 00
unfading green	10 00	11 00
black	9 00	9 00
Terra Cotta Tile, per sq	23 00	25 00
Ornamental Black Slate Roofing		77 30

PORTLAND CEMENT

(CARLOADS.)

Canadian (Packages, 350 lbs. net.):	Toronto.		Montreal	
Rathbun's Star	1 70	2 00	1 70	2 00
Trowel			1 85	1 95
Samson	1 75	1 85		
Magnet	1 55	1 65		
Monarch	1 80	1 90	1 90	2 00
Hercules	1 75	1 75		
Imperial		1 80		
Crescent 375 lbs. gross	2 30	2 40	1 95	2 05
Diamond 350 " "	2 20	2 30	1 85	1 95
"Giant" Brantford	1 75	2 00	2 00	2 50
American (in Bags):				
"Helderberg"			1 90	2 00
Alsen				2 25
Lehigh, in bbls., 375 lbs.		2 35	2 10	2 20
" cotton sacks, 350 net		2 00		2 00
" paper bags		2 10		1 85
"Iron Clad" in bags 350 lbs.			1 80	1 90
"Invicta" " " "			1 65	1 70
"Adirondack" " " "			1 50	1 65
Vulcanite (The Toronto Pottery Co., Limited Toronto) 350 lbs. per bbl.				
In paper bags		1 80		
" wooden bbls.		2 00		
" cotton bags		2 10		
English in Barrels):				
Brook's Shoobridge Anchor	2 35	2 40	2 00	2 10
Belgian (in Barrels):				
"Josson"	2 60	2 70	2 20	2 30
"North's Condor	2 05	2 10	2 25	2 30
"White Cross"	1 90	2 00	1 75	1 80
Hammer			1 80	1 90
White Star	2 15	2 25	1 90	2 00
Samson			1 80	1 90
German (in Barrels):				
Offenbacher				2 35
Alsen	2 65	2 95		2 40
Dyckerhoff	2 65	2 75		2 40
Hercules	2 25	2 35		2 15
Keene's Superfine "Whites"	10 00	12 00	8 50	9 00
Keene's Coarse "Whites"	6 50	7 00	4 50	5 00
Fire Bricks, Newcastle, per M	27 00	32 00	18 00	22 00
" " Scotch "	28 00	33 00	19 00	23 00
Plaster Calcined, N.B.		1 70		1 60

CORRECTED UP TO JANUARY 24TH

CANADIAN

Contract Record

A Weekly Journal of Public Works, Tenders, Advance Information and Municipal Progress

This Paper Reaches Every Week the Town and City Clerks, Town and City Engineers, County Clerks and County Engineers, Purchasers of Municipal Debentures and Leading Contractors in All Lines Throughout Canada

VOL. 15. TORONTO, MONTREAL, WINNIPEG, FEBRUARY 1, 1905 No. 51

THE CANADIAN CONTRACT RECORD
PUBLISHED EVERY WEDNESDAY
As an Intermediate Edition of the Canadian Architect and Builder.
THE C. H. MORTIMER PUBLISHING COMPANY
of Toronto, Limited,
CONFEDERATION LIFE BUILDING, TORONTO.
Telephone Main 2362.
Branch Offices:
38 Alliance Building, Montreal,
Telephone Main 2299.
720-721 Union Bank building, Winnipeg.
21 Great St. Helen's, London, England.

Debentures for Sale

Offers will be received at the Clerk's Office, Seaforth, up till noon, FEBRUARY 6TH, NEXT for $2400 Local Improvement Debentures, payable in 15 years. Interest at 4½ per cent. payable yearly. The highest or any offer not necessarily acceeted. The debentures are $400 each.

WM. ELLIOTT, Clerk.

CONCRETE PILES

For Procuring Cheap Permanent Foundations in Filled or Soft Grounds I am prepared to put in concrete piles or to furnish contractors with the necessary cores on a Royalty basis, under my Patents. Estimates furnished on application. Address

A. A. RAYMOND,
Office of Medler & Arnott,
Foot of Berkeley St.,
Toronto, Ont.

Tenders for Debentures

Sealed tenders will be received by the undersigned up to noon of Friday, the 10th day of February, 1905, for the purchase of $10,900.00 Local Improvement Debentures (cement walks) of the Town of Oshawa, bearing interest at 4½ per cent. per annum, and repayable in 20 equal annual installments of principal and interest. Accrued interest to be paid by the purchaser. The highest or any tender not necessarily accepted.

THOS. MORRIS,
Town Clerk.

Oshawa, January 23rd, 1905.

TENDERS FOR DREDGING AND FOUR BRIDGES

Sealed tenders will be received by the undersigned until 2 O'CLOCK P.M. on THURSDAY, FEBRUARY 23RD, 1905, for dredging about 3½ miles in the Rivard Drain, in the Township of Dover, County f Kent. Also for building two steel and two wooden bridges over said drain.

Plans and specifications can be seen at the office of A. McDonell, civil engineer, in the city of Chatham.

The lowest or any tender not necessarily accepted.

Tenders to be marked "Tenders for Dredging, and for Bridges" respectively.

H. N. BECHARD,
Commissioner,
Dover South P.O.

SITUATIONS VACANT.

Wanted by an institution engaged in numerous building operations, young architect or architect's senior student and draughsman—one possessed of some practical knowledge and with an aptitude for detail. He will be required to scrutinize plans and specifications furnished by architects; keep in communication with the clerk of the different works; see that detailed working drawings are promptly placed in the hands of the various contractors; and generally to exercise a systematic supervision of the operations. Permanent position. The salary will be in keeping with the experience and capability of the appointee. Box 66, CONTRACT RECORD, Toronto, Ont.

Tenders for the Supply of from 1000 to 1500 Tons of Asphalt

Sealed tenders, addressed to the Chairman of the Committee on Works, for the supply of from 1,000 to 1,500 tons of asphalt for street paving for the City of Winnipeg, will be received at the office of the undersigned up to 8.30 p. m. on TUESDAY, FEBRUARY 21st, 1905.

Specifications and forms of tender may be obtained upon application at the office of Col. H. N. Ruttan, City Engineer, Winnipeg.

Each tender must be accompanied by an accepted cheque or cash deposit for the sum called for in the form of tender supplied, which will be subject to forfeiture in case of failure on the part of the contractor to enter into a written contract, with approved sureties, if called upon to do so.

The city reserves the right to reject any or all tenders or to accept any bid which appears advantageous to the City of Winnipeg.

C. J. BROWN, City Clerk.

City Clerk's Office, Winnipeg, Jan. 27, 1905.

Tenders for Bridge

Sealed tenders addressed to R. Nicholson, Esq., Reeve of Arran Tp., will be received up to 6 p.m. FRIDAY, FEBRUARY 17th, 1905, for the construction of following:—

(1) Two Cement-Concrete Bridge Abutments, containing some 124 cubic yards.
(2) One Steel Bridge 60 foot span C—C, 16 foot roadway, Live Load 80 lbs. per sq. ft., Moving Load 6 tons on 6 ft. axles.
(a) Bridge as above with cedar flooring and cedar joists.
(b) Bridge as above with cedar flooring and steel joists.
(c) Bridge as above with cement-concrete floor and steel joists

Site—Crawford's Bridge, Lot 35, Con. IV, Township of Arran.

A marked cheque payable to the Treasurer Township of Arran for the amount of 5% of the contract price must accompany each tender, to be forfeited in case of the successful tenderer declining the contract or failing in the performance thereof and to be returned in case of non-acceptance.

Plans and specifications to be seen at the Reeve's or Engineer's Offices.

The lowest or any tender not necessarily accepted.

R. NICHOLSON, ESQ.,
Reeve, Tara.
R. McDOWALL, C. E.,
Township Engineer, Owen Sound.

Wanted — A Competent Draughtsman for Architect's Office; one capable of taking entire charge during proprietor's absence. State salary wanted and give idea of previous experience. Address Box 67, CONTRACT RECORD, Toronto, Ont.

TO CONTRACTORS

Separate or lump tenders will be received until FRIDAY, THE 17TH OF FEBRUARY, for the erection of a

Large Power House Building

which will be built of either cut stone or granite, and will be erected adjacent to Queen Victoria Park, at Niagara Falls, Ont., for the

Electrical Development Co. of Ontario, Limited

Plans and specifications can be seen and all other information obtained at the office of the architect, Toronto, and also at the office of the company, Queen Victoria Park, Niagara Falls, Ont.

E. J. LENNOX, Architect,
Toronto.

TENDER FOR Supplying and Laying Submerged Pipe

Sealed tenders marked "Tenders for Sewer Outlets," and addressed to M. W. Flannery, Town Clerk, will be received by the Corporation of the Town of North Bay, Ontario, not later than 12 o'clock noon of the 20th DAY OF FEBRUARY, 1905, for the supplying of material and labor necessary in connection with the construction of two submerged sewer outlets of cast iron pipe 12" diameter each 650 feet long.

Plans, details, specifications and form of proposal may be seen at the office of the Town Engineer, L. O. Clarke, and from whom copies can be obtained.

The lowest or any tender not necessarily accepted.

M. W. FLANNERY, Town Clerk.

North Bay, Ontario, January 27th, 1905.

TOWN OF EAST TORONTO
PROVINCE OF ONTARIO

TENDERS FOR

PUMPING STATION

Tenders will be received by the undersigned up to 8 p.m. on MONDAY, FEBRUARY 20TH, 1905, for providing the materials and labor required for the erection of a

Reinforced Concrete Pumping Station

at the foot of Beech Ave., East Toronto.

Plans and specifications may be seen and forms of tender obtained at the office of the undersigned, or at the Head Office of John Galt, C.E. & M.E. Chief Engineer, Toronto.

A certified bank cheque for $500 must accompany each tender.

W. H. CLAY, Clerk,
Town of East Toronto.

CONTRACTS OPEN.

SWIFT CURRENT, N. W. T. — P. Muggleston intends building a new residence.

STRATHBURN, ONT.—John Trestain purposes building a residence in the spring.

KILLYLEAGH, ONT.—David Allan and Levi Mays each intend building brick houses.

FEVERSHAM, ONT.—The Osprey Milling Co. have decided to rebuild their grist mill recently burned.

CORNWALLIS, N. S.—James McGowan intends rebuilding his cooperage mill recently burned.

GALT, ONT.—W. M. Davis, C.E., has been instructed to prepare plans for proposed lateral sewers.

WEYBURN, N.W.T.—J. A. Mitchell purposes building a warehouse and store on corner of Main street.

WOODSTOCK, ONT. — The Canadian Bank of Commerce will erect a bank building here to cost $20,000.

MASHAM, QUE.—The members of L.O.L. No. 28 are preparing to build a new Orange hall at Lascelles Corners.

PETERBORO, ONT.—It is understood that the Bank of Nova Scotia purpose erecting a bank building here.

LADYSMITH, B.C.—It is understood that Chinese capitalists have decided to build a large saw mill at Canton

BRANTFORD, ONT.—J. A. Smith, Township Clerk, wants tenders by 4th inst. for supply of cement, lumber and hardware.

ST. CATHARINES, ONT. — B. Welstead intends building a two-storey brick veneer house on William street, to cost $2,700.

OWEN SOUND, ONT. — It is expected that the Dominion Government will build a new post office here in the near future.

RICHMOND, QUE.—It is reported that the Grand Trunk Railway contemplate the enlargement of the present round house.

ST. JOHN, N.B.—G. E. Fairweather, architect, is this week taking tenders on a brick building to be erected for Raymond & Doherty.

NIAGARA FALLS, ONT. — It is understood that the City Council are about to ask for tenders for auxiliary pumping apparatus.

WHEATLEY, ONT. — William Trembley has purchased a site, corner Erie and Foster streets, and intends building a residence.

SYDNEY, N.S.—A company of English capitalists propose establishing large cement works here and have asked for a bonus of $10,000.

BURK'S FALLS, ONT.—G. H. C. Swain, Village Clerk, has just taken tenders on extension of 300 feet of 10-inch water main into the lake.

POPLAR, B.C.—The Lardeau Valley Mines, Limited, a Spokane concern, will erect a mill and concentrator about six miles west of this place.

BROCKVILLE, ONT.—Senator Fulford has donated $10,000 to the Brockville General Hospital for the erection of a suitable home for the nurses.

QUEBEC, QUE.—Steps are being taken by the congregation of St. Matthew's church, of which Rev. F. G. Scott is pastor, to erect an addition to their building.

SEAFORTH, ONT. — Tuckersmith Township Council will not decide upon the location of the proposed steel bridge to replace the Campbell bridge until after the spring freshet.

FREDERICTON, N. B.—It is improbable that the Estey saw mill which was burned last week will be rebuilt. The building was owned by Senator Thompson.

GLACE BAY, N.S.—D. A. Hewitt, architect of the Department of Public Works, Ottawa, was here last week for the purpose of selecting a site for a new public building.

PEMBROKE, ONT.—The Petawawa Power Co. have submitted to the Town Council the terms upon which they desire a franchise for furnishing light and power.

NELSON, B. C. — The School Board will petition the Council to submit a by-law to the ratepayers to raise $40,000 for a new public school building, which is greatly needed.

EDMONTON, N.W.T.—It is likely that tenders will be invited this week for the waterworks and sewer extension here. Willis Chipman, C.E., of Toronto, is the consulting engineer.

GODERICH, ONT.—Steps are likely to be taken in the near future to improve the water supply of the town. It is probable that the electric light plant will also be modernized.

SELKIRK, MAN.—The Town has applied to the Legislature for permission to issue bonds to the amount of $100,000 for the establishment of a sewerage system and other improvements.

CARP, ONT.—T. A. Brown, Secretary School Board, desires tenders by Wednesday, February 15, for erection of a school house here, from plans by J. MacLaren, 104 Sparks street, Ottawa.

POINT-AUX-TREMBLES, QUE.—Plans have been prepared for new school buildings to be built here, to cost about $60,000. Particulars may be obtained from Rev. William Shearer, of Sherbrooke.

MORRIS, MAN.—At a public meeting held last week it was decided to ask the Dominion and Provincial Governments for financial assistance towards the construction of a traffic bridge over the Red river.

EAST TORONTO, ONT.—The Globe Funriture Co., of Walkerville, Ont., are still negotiating with the Town Council for the establishment of a plant here. They are willing to spend $50,000 on plant and building.

SHELBURNE, ONT.—The Central Dufferin Telephone Association, of which Dr. R. Rooney is president, proposes to extend the line four miles into Amaranth Township and seven miles to Black's Corners.

PORT STANLEY, ONT.—It is understood that the new owners of the Fraser House have extensive improvements in contemplation. The hotel is to be completely renovated, an electric plant installed and an incline railway built, to be operated by electricity.

CAMPBELLFORD, ONT. — The proposed by-law to provide for an electric light plant has not yet been submitted to the ratepayers, as the Waterworks and Electric Light Commissioners are considering a more extensive expenditure than was at first proposed.

COLLINGWOOD, ONT.—Capt. G. Pearsall has decided to build a large brick warehouse on Pine street.—The Department of Public Works, Ottawa, are asking for tenders up to Friday, February 17th, for construction of a wharf here. Plans on application to the Postmaster.

PORT BURWELL, ONT. — Additional work will be undertaken this spring in connection with the harbor here. A breakwater 800 feet long will be built and the east pier will be lengthened 300 feet. Another work that will be undertaken is the diversion of the Otter river.

ST. MARY'S, ONT. — J. A. Humphris has submitted to the Town Council estimates of the cost of a new steel bridge to span Trout creek.—Willis Chipman, C.E., of Toronto, has been commissioned to submit estimates for improvements to the waterworks and electric light plants, including new pumps and new dynamos.

WINDSOR, ONT. — The company which will build an electric railway from this city through Leamington and Kingsville to Chatham will be known as the Windsor, Essex and Lake Shore Rapid Railroad Co. Their American headquarters are at 1020 Chamber of Commerce, Detroit. Work is expected to commence this spring.

BATTLEFORD, N. W. T.—Tenders are invited by the Department of Public Works, Ottawa, up to Monday, February 20, for construction of three concrete piers and one abutment at this place. Plans on application to the Postmaster and at offices at Z. Malhoit, resident engineer, Winnipeg, and Paul Paradis, resident engineer, Calgary.

CHILLIWACK, B.C. — The Chilliwack Light & Power Co., of which J. B. Morgan is manager, are planning to commence work early in the spring on their power plant and electric railway, the latter to extend from Chilliwack to New Westminster. The power plant and transmission line is estimated to cost $125,000.

SASKATOON, N.W.T.—At a meeting of the Board of Trade last week, a resolution was passed asking for Government assistance for the immediate construction of a combined railway and traffic bridge.—The Fire, Water & Light Committee have recommended the erection of a hose tower and purchase of a hook and ladder truck and two ladders.

HAMILTON, ONT.—The directors of the Hamilton, Grimsby and Beamsville Railway have under consideration a plan to extend the road four miles from Vinemount.—The Bay Front Committee of the City Council have decided to petition the Dominion Government to build a revetment wall 1,875 feet in length to protect the shore, it being the opinion that the sheet piling which was proposed would not be sufficient.

VICTORIA, B.C.—There is an agitation in favor of improving the electric light plant and it is probable that some steps in that direction may be taken this year.—Arthur L. Adams has been engaged by the City Council to report on proposed waterworks improvements. He will report on both the Goldstream and Beaver Lake systems.—It is learned that the British Columbia Electric Railway Co. intend constructing a branch line to the Gorge this coming summer.

OTTAWA, ONT. — J. MacLaren, architect, has prepared plans for a new school house to be built at Carp, Ont.—The School Board will, at an early date, consider plans to provide increased school accommodation.—The Central Counties Railway Co. have petitioned the Dominion Government for authority to build a bridge from Point Fortune, on the south side of the Ottawa river, to Carillon, County of Argenteuil, also to construct a railway from Carillon to Montreal.—Plans of wharf to be built at Collingwood, Ont., and three concrete piers and an abutment to be constructed at Battleford, N.W.T., may be seen at the Department of Public Works in this city.

MONTREAL, QUE.—L. O. David, City Clerk, is asking for tenders up to noon on Thursday, 9th inst., or the supply of 5,000 feet of double jacket cotton

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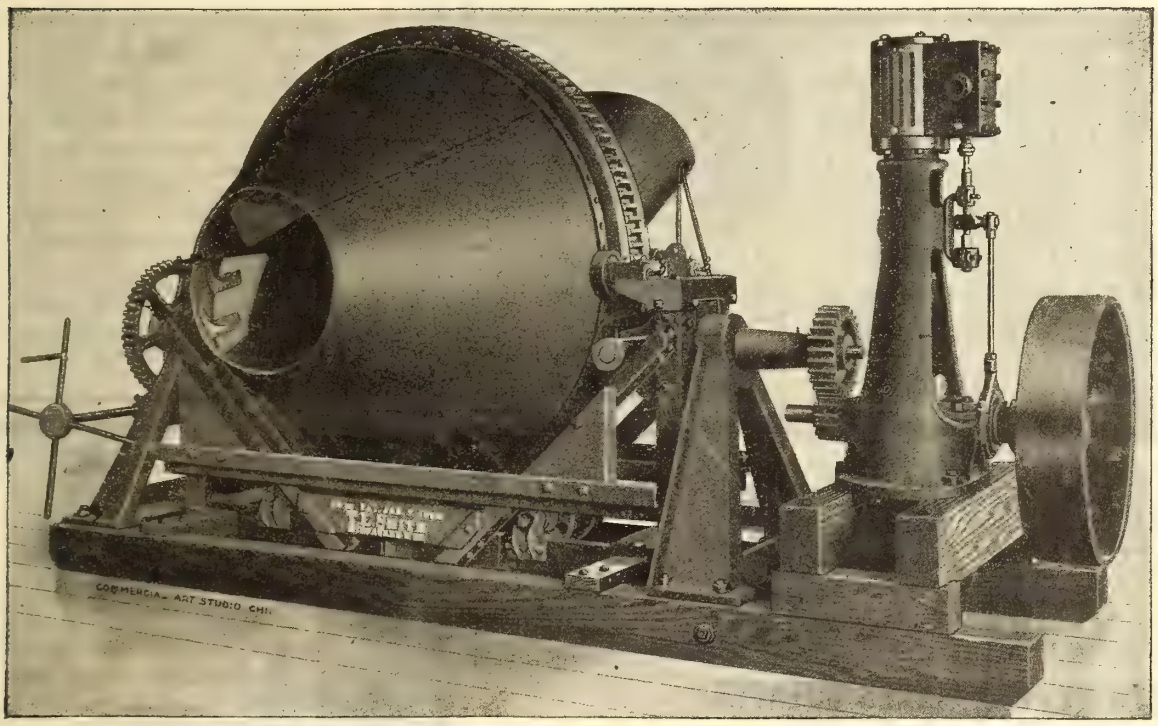

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fire hose 2½ inches in diameter, 50 fire alarm boxes, 1 85-ft. aerial ladder truck, 1 H. & L. truck, 3 hose wagons, 3 hose sleighs and 1,000 hydrant valves ; also up to Thursday, March 2nd, for furnishing one 1,000 Imperial gallon steamer.—The City is applying to the Quebec Legislature for power to establish a drainage system for St. Denis ward and the Sewage Farm through the territory of outside municipalities, to empty into the Ottawa river.—It is reported that David Russell is the promoter of the $3,000,000 hotel which it is said will be built in this city.—The directors of the Annex Presbyterian church have had plans prepared for a new building to be built on the corner of St. Viateur and Hutchison streets ; estimated cost, $15,000. The committee in charge are J. P. Gladston, W. Kennedy and J. Parsons.

LONDON, ONT.—F.W. Farncombe, C.E., is asking for tenders up to February 3 for the construction of a deep tile drain in the townships of London and Lobo.—The City and County will probably join in the erection of a new registry office.—At the County Council meeting here last week a recommendation was adopted that Commissioner Talbot act with the commissioners from Lambton and Huron to prepare plans, advertise for tenders and award contracts for the erection of a wooden bridge over the Aux Sauble river near corner of McGillivary Township, also to prepare plans for other bridges to be built during this year, including the Gray and Sylvan bridges. It was further decided to notify the County of Oxford of the willingness of the Middlesex County Council to join with them in the erection of three new bridges on the line between East and West Nissouri and a bridge over the Thames river north of Putnam.—The Sovereign Bank propose establishing a branch bank in this city.

WINNIPEG, MAN.--William Whyte, of the C.P.R , has been in Montreal consulting with the president and directors, and states that about $4,000 000 will be expended in improving the railroad, including 500 miles of new track between Montreal and Winnipeg. A number of new stations will be built. It has been practically decided to double track the line from Fort William to Winnipeg, but the report that the contract has been given to Foley Bros. is not officially confirmed.—St. Giles congregation are considering plans for the enlargement of their church building. — Tenders are about to be invited for the following works: Macadam pavement on McMillan ave., from Pembina street to Hugo street, cost $11,720 ; asphalt pavement on Robert street, from Lily to Edwin street, cost $2,280 ; sewers, Kingsway street, from Wellington crescent to Haro street, cost $3,580 ; Lipton street, from Portage to B ll ave., cost $2,225.—F. R. Evans, architect, is taking tenders up to 8 p.m. of Saturday next for the erection of a frame residence on stone foundation for R. Fletcher.—The Canada Malting Co. have submitted a proposition to the Council to erect in this city a four-storey malting house.—The German Lutheran congregation will likely rebuild their church on a new site.

VANCOUVER, B.C.—Edward Lewis intends building a two-storey block on corner of Pender and Seymour streets.—The block to be built at corner of Richards and Pender streets by Dr. Powell, of Victoria, will be started shortly. It is said that buildings to the value of $300,000 are planned to be built on Pender street during the coming summer. The portion of this street lying between Granville and Hamilton streets is to be paved. —The City Engineer has cleared a site for the proposed new reservoir, which will have a capacity of 15,000,000 gallons and will cost about $30,000. A new main under the Narrows is also proposed.—The prospectus of the proposed Vancouver Athletic Club has been issued. Five different sets of plans have been prepared for the projected building and the promoters hope to be in a position to commence the work within a few weeks. The proposed site is at the corner of Dunsmuir and Beatty streets.—McWhinney & Lewerke announce their intention of erecting a brick and stone business block on north side of Hastings street, adjoining the Rubinowitz Departmental Stores, to be 33x90 feet and three stories high. Plans are being prepared and tenders will be invited shortly.—S. Swabagano, of Wetaskiwin, N.W.T., has purchased a lot on Pender streets, between Hornby and Burrard streets, on which he intends building a residence. — The Young Men's Christian Association will let the contract within a short time for a new building. — The papers have been finally signed for the transfer of the Vancouver and Lulu Island Railway to the British Columbia Electric Railway Co. Work will be commenced immediately to convert the road into an electric system. A sub-station will be built at Eburne and electric locomotives will be used in the handling of freight.—James Findlay has purchased a lot on Pender street, between Granville and Seymour streets, and purposes building thereon a brick and stone

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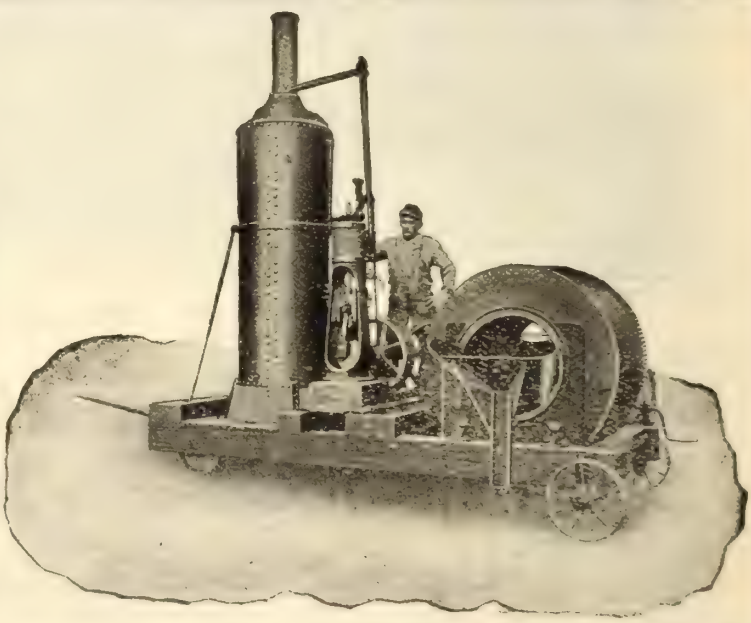

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business block.—E. E. Blackmore and W. T. Whiteway, architects, are jointly preparing plans for a warehouse to be built on corner of Water and Abbott streets by McLennan, McFeely & Co. It will be of white pressed brick with stone trimmings, three stories and concrete basement and will have a frontage of 66 feet on Water street and 132 feet on Abbott street. Tenders will be invited within a few days.—Philip White is arranging to build a three-storey business block on Granville street, to be 85 x 50 feet and built of pressed brick and cut stone. W. T. Whiteway, architect, is preparing plans.—The Vancouver Lumber Co. are having plans prepared for a large addition to their saw mill.

TORONTO, ONT.—It is announced that Mark Fisher & Sons, dry goods merchants, Montreal, intend building a five-storey cut-stone warehouse at 84 Bay street, this city.—Dr. Bond purposes building a brick residence on north-east corner of Yonge street and Roehampton ave.—A. E. West, of Brantford, will build a residence on Broadway, North Toronto. —Plans of wharf to be built at Collingwood, Ont., by the Dominion Government may be seen at the office of H. A. Gray, C.E., Confederation Life Building, this city. Tenders close February 17.—The Board of Control are asking for tenders up to Tuesday, February 7, for the construction of an hydraulic dredge, also pipe sewers on the following streets: Aberdeen ave., from Parliament street to 222 feet east of Ontario street; Royce ave., from Symington ave. to G. T. R. tracks; Hallam street, from Ossington ave. to Shaw street.—The York and Toronto Radial Railway Co. have plans under way for considerably extending the radial railway system around Toronto. The extension from Long Branch to Oakville will be undertaken at an early date and the Metropolitan extension to Lake Simcoe will be commenced as soon as spring opens.—Dr. Sheard has reported that the cost of constructing a public swimming bath near the City Hall would be $25,000 for a brick building with concrete halls and floors and containing 12 bath rooms, 12 shower baths and two plunge baths.—The Management Committee of the Board of Education have recommended that a new school be built in the vicinity of Huron and Bathurst streeets, north of Bloor street.—E. J. Lennox, architect, is asking for tenders up to February 17, for the erection of a cut stone or granite power house building at Niagara Falls, Ont., for the Electrical Development Co. of Ontario.—The Canadian Bank of Commerce are about to build three branch banks in this city, the locations being corner College street and Dovercourt road, corner Bloor street and Lansdowne ave., and on Queen street west, Parkdale.—P. S. Gibson & Sons, York Township Engineers, Willowdale, have just taken tenders on building a large bridge on Summerville ave., near Yonge street.—The present contract for lighting the city expires at the end of this year, and the Fire and Light Committee will at an early date consider the question of installing a civic plant for lighting the streets and municipal buildings.—The congregation of St. Cyprian's church, Dupont street, have subscribed $2,350 for the erection of a new edifice.—Building permits have been granted as follows: R. C. Vaughan, two pairs two-storey and attic brick and stone dwellings, east side Bathurst street, near College, cost $8,000; K. McKenzie and W. McKain, pair 2½-storey brick veneered dwellings, stone foundations, north side Hallam street, near Preston ave., cost $2,500; S. J. Graydon, two-storey and attic stone and brick dwelling, 128 Spadina road, cost $4,500; Dr. John Hoskin, two-storey stone and brick addition to residence, 21 Dale ave., cost $1,500; Canada Launch Works, Limited, two-storey office and one storey workshop, frame and steel clad, east side Carlaw ave., near Eastern, cost $2,000; Mrs. Lela S. Johnson, pair two-storey and attic brick dwellings, north side Langley ave., near Broadview, cost $3,800; R. Saunders, two pair two-storey concrete, stone and brick dwellings, Concord ave., near Northumberland street, cost $6,500; McCauley & Bishop, two pair two-storey and attic brick and stone dwellings, east side Markham street, near Harbord, cost $8,000; William Apps, pair two-storey brick dwellings, 901 and 903 Bathurst street, cost $4,000; Mr. Cawthra, interior alterations to store, cast bronze and plate glass, south-west

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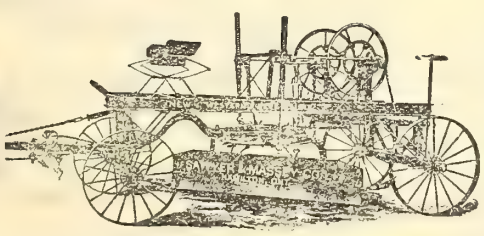
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FIRES.

Flour mill and elevator at Treherne, Man., owned by C. Wiechman, completely destroyed, loss $15,000.—Saw mill at Ravena, Ont., owned by Albert MacKean, loss $2,000.—Premises of the National Rubber Co. and J. W. Kilgour & Bros., wholesale furniture warehouse, Craig street, Montreal, damaged to extent of $75,000. The buildings belonged to the Jesse Joseph Estate.—Block at Campbellford, Ont., owned by Mrs. Townsend, partially destroyed.—Three-storey brick building at Collingwood, Ont., owned by S. W. Lindsay, damaged to extent of $20,000, covered by insurance.—Thibodeau block on Main street, Pembroke, Ont., occupied by Grave Bros., boots and shoes, R. Goody, paints, oils and wall paper, and Pembroke Electric Light Co's. offices.

CONTRACTS AWARDED.

MOOSE JAW, N.W.T. — Contract for new customs house and post office here has been let to Patrick Navin; estimated cost, $25,000.

MITCHELL, ONT.—The Mitchell Bridge Co. have secured the contract for the superstructures of the Cranbrook and White's bridges in Grey County; price $3,339.

GALT, ONT.—David Chalmers, of Owen Sound, has secured the contract for the reconstruction of the subway here. Work will be commenced about March 1st.

FORT FRANCES, ONT.—It is reported that the contract for the construction of the large power dam at this place for the Backus Co. has been let to Pemmier & McGuire, of Providence, R.I.

STRATFORD, ONT.—Contracts for new Queen's Hotel have been let as follows: Brickwork, Wm. Filey; carpenter work, Ruston Bros.; plastering, Thos. Henderson; painting and glazing, A. E. Cash; tinning and galvanizing, George Harkness; tile floorings, Rice Lewis & Son, Toronto. Building will be red brick, three stories, with tower, and will be commenced about March 15.

TORONTO, ONT.—A. B. Ormsby, Limited, of this city, have been awarded the contract for metal ceilings for the new Eaton departmental store in Winnipeg, the contract amounting to over one quarter million square feet.—Sproatt & Rolph, architects, have awarded contracts as follows for new club house for the Royal Canadian Yacht Club: Carpenter work, A. Weller & Co.; painting and glazing, Joseph McCausland & Sons; plumbing, etc., Keith & Fitzsimmons; plastering, Davery Bros.

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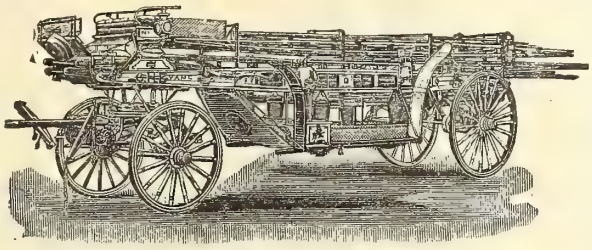

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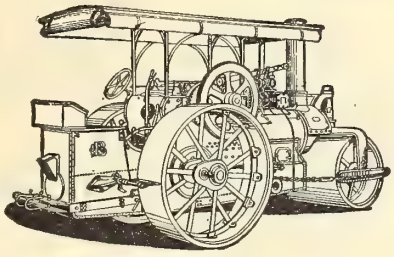

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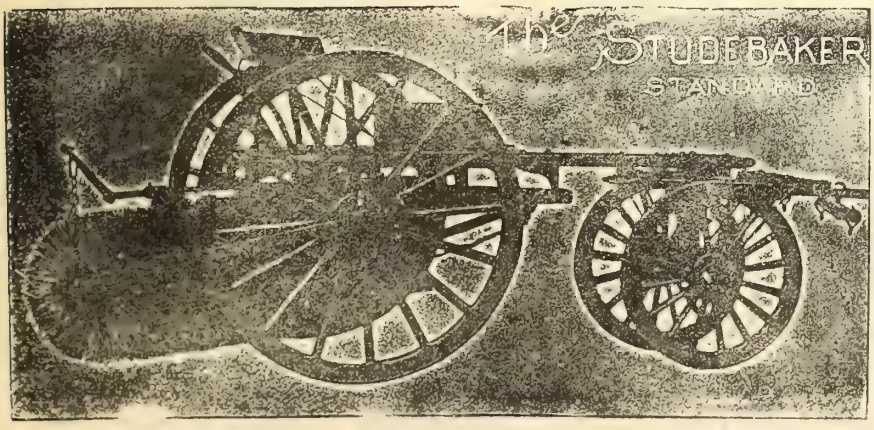

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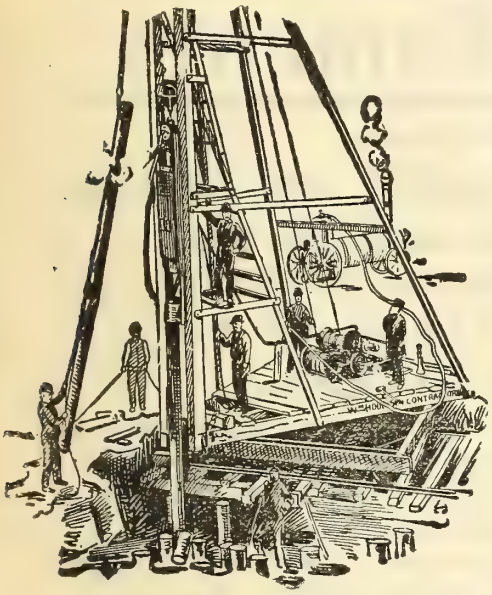

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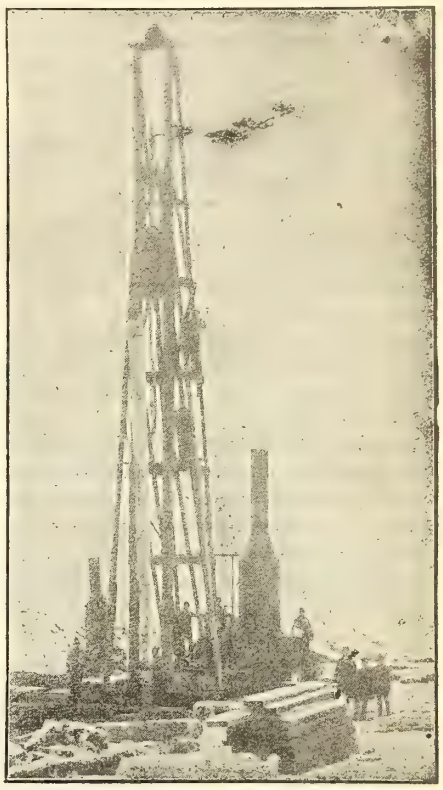

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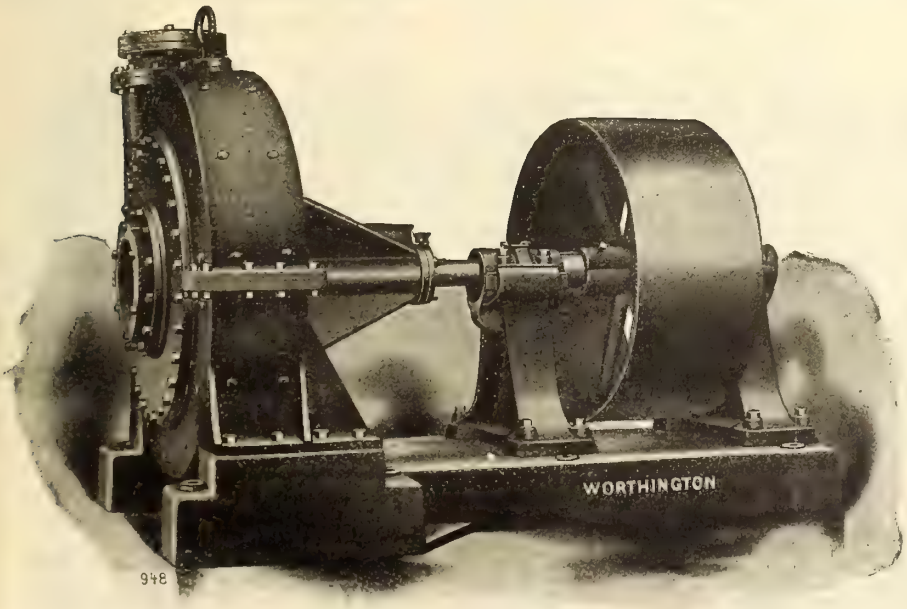

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ANNUAL MEETING OF CIVIL ENGINEERS.

The annual meeting of the Canadian Society of Civil Engineers opened in the Society's rooms, Montreal, on Tuesday, January 24th, with the president, Lieut.-Col. W. P. Anderson, of Ottawa, in the chair. There were probobly one hundred members present.

The report of the council was read. It stated that the total membership was 1,253, made up of 10 honorary members, 386 members, 382 associate members, 38 associates, and 437 students. The membership in the preceding year was 1,145. The Gzowski medal for 1903-4 had been awarded to Mr. J. A. Jamieson for his paper on "The Pressure of Grain in Deep Bins, and the Problem of Grain Bin Design." Prizes for students' papers had been awarded as follows:—Electrical, Mr. C. H. Wright, "An Investigation of a 16-Kilowatt Constant Current Transformer"; mining, Mr. L. Heber Cole, "The Centre Star Mine, Rossland, B. C."; general, Mr. J. M. Hogan, "Port Colborne Harbor Works." The examiner for the mechanical section had reported that none of the papers submitted to him were of sufficient merit to justify recommendation for a prize.

A desultory discussion took place upon the best way in which the society could help those residing at remote distance from headquarters and it was decided that the Council should take the matter up and endeavor to formulate plans for making the society more interesting and valuable to outside members.

In the evening the President delivered his annual address, in which he said in part: "As engineers, we have good reason to feel proud of our past achievements, and by them we know that we are justified in looking forward confidently to a brilliant future. This splendid young country owes much to those members of our profession who developed its network of railways, its system of canals, its public works, its mining machinery, and its splendid mechanical and electrical installations. With increased population and resources, the demand for further railway and industrial extension is rapidly growing greater and more urgent."

The President referred to the water powers of the country and pointed out that a further source of prospective riches to Canada was the plentiful presence of the constituents of Portland cement in places convenient for shipment. The inception of another transcontinental railway was spoken of as the most important event of the year in Canada, from an engineering point of view, and it was stated that this great national undertaking would for many years to come create a demand for the services of engineers of all grades, that could not but be stimulating to the profession.

A subject that appeared to demand the immediate attention of the society, was the advocacy of the establishment of some central bureau for the registration of plans of all surveys in Canada, and cognate to this question was that of better surveys of the whole Dominion. Work heretofore done had not been based upon any gener-

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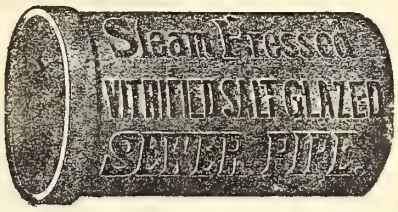

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al comprehensive scheme, but had been undertaken merely to meet exigencies as they arose. Canada had now surely grown sufficiently large and important to warrant the adoption of a general scheme connecting the country geodetically.

The members spent most of the second day in visiting the works of the Dominion Bridge Company, the Dominion Wire Manufacturing Company, the Dominion Wire Rope Works, and the Allis-Chalmers Bullock Company.

Mr. E. M. Archibald, B. Sc., read a paper on "The Effect of Load Factor on the Cost of Electrical Power," and Mr. C. B. Smith spoke on "The Construction of the Canadian Niagara Power Company's Plant, Niagara, Ont."

The election of officers resulted as follows:

President—Ernest Marceau, Montreal.
Vice-president—C. H. Keefer, Ottawa.
2nd Vice-president — D. McPherson, Montreal.
3rd Vice-president—G. A. Mountain, Ottawa.
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Dr. E. Haanel, Dominion Superintendent of Mines, read a paper on "The Electro-Thermic Production of Iron and Steel."

The annual banquet of the society was a most successful event.

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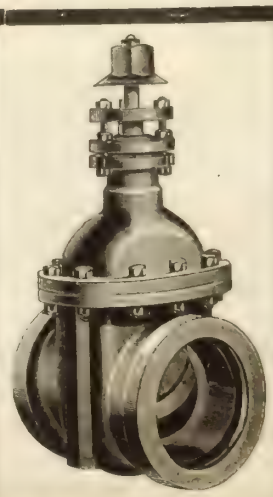
Be independent. Do not ask a friend to go on your bond. Write to
The United States Fidelity & Guaranty Co.
A. E. KIRKPATRICK, Manager for Canada.
6 COLBORNE STREET, - TORONTO, ONT.

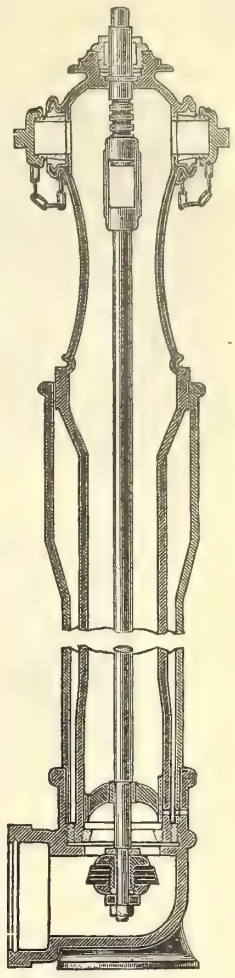
PORTLAND CEMENT
SEWER PIPES
FIRE BRICKS
FIRE CLAY
ALEX. BREMNER
50 Bleury Street, MONTREAL



KERR'S WATERWORKS VALVES
Are tested to 300 pounds hydraulic pressure before being stocked. They are of good substantial weight and design, and can be relied upon.
Write for catalogue, and we will tell you more about them.
THE KERR ENGINE CO., LIMITED
Walkerville - - Ont.

Frost Proof Hydrants

Our Toronto Hydrants are fitted with frost cases separated from the Hydrant, thereby preventing injury caused by upheavals of the ground by frost.



Waterworks Supplies
OF EVERY DESCRIPTION

Pumps for Boiler Feeding, Hydraulic Elevators and all duties requiring the delivery of liquids under heavy pressure

CANADA FOUNDRY COMPANY
LIMITED

Head Office and Works: TORONTO, ONT.

District Offices: MONTREAL HALIFAX OTTAWA WINNIPEG CALGARY VANCOUVER ROSSLAND

THOS. J. DRUMMOND, President. JAMES T. McCALL, Secretary-Treasurer. C. ED. GUDEWILL, Vice-President

Montreal Pipe Foundry Co., Limited

Special Castings
Flange Pipe
Branches
Hydrants
Valves

CAST IRON PIPE

Valve Boxes and general Water Works Supplies

Works at: LACHINE, QUE. THREE RIVERS, QUE LONDONDERRY, N. S.

Combined daily capacity: 175 Tons Pipes and Castings.

HEAD OFFICE CANADA LIFE BUILDING, MONTREAL

JAMES. THOMSON, President. J. G. ALLAN, Vice-President. JAMES. A. THOMSON, Secretary. JOHN GARTSHORE, Treasurer.

THE CARTSHORE-THOMSON PIPE & FOUNDRY CO.
LIMITED.

Manufacturers of

Flexible and Flange Pipe, Special Castings and all kinds of Waterworks Supplies

CAST IRON PIPE

3 inches to 60 inches diameter.

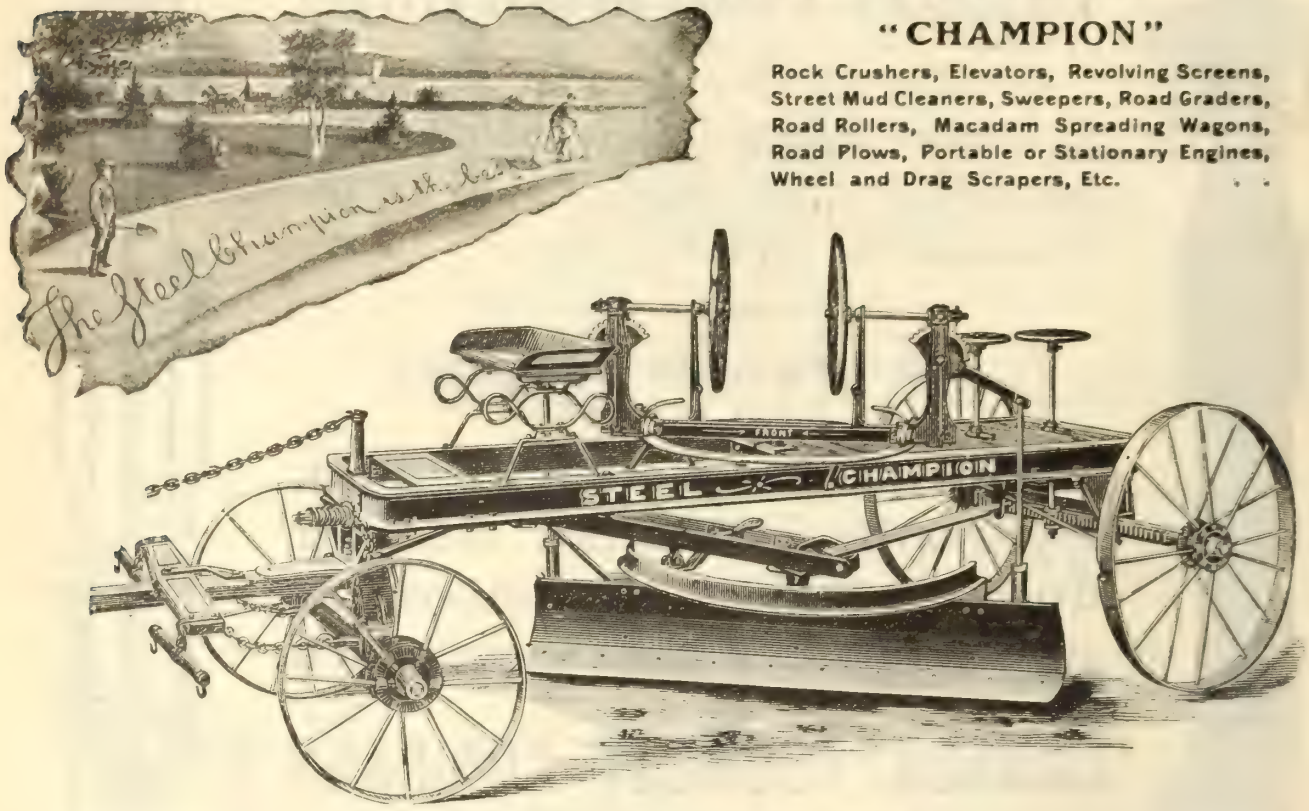
For Water, Gas, Culvert and Sewer

HAMILTON, ONT

THE GOOD ROADS MACHINERY COMPANY, LIMITED, Hamilton, Canada

The Steel "CHAMPION" Reversible Road Machine

The Simplest, Strongest and Best. Don't it look it? Built for service. A strictly High-Grade Road Machine.



"CHAMPION"

Rock Crushers, Elevators, Revolving Screens, Street Mud Cleaners, Sweepers, Road Graders, Road Rollers, Macadam Spreading Wagons, Road Plows, Portable or Stationary Engines, Wheel and Drag Scrapers, Etc.

The Steel "CHAMPION" is the King of Graders.

All mechanics agree that the simpler the machine the more valuable it is. In complicated machines look out for trouble and expense

Send for latest printed matter and our 1905 Calendar to

Good Roads Machinery Company, Limited,

JOHN CHALLEN, President and General Manager.

Address—Late Killey Beckett Works, 144 York Street, HAMILTON, ONT.

Prices of Building Material

(Continued from page 12.)

TORONTO PRESSED BRICK AND TERRA COTTA WORKS

	F.O.B. Milton, Ont.	F.O.B. Montreal.
Red No. 1	12 50	18 00
" 2	10 50	16 00
" 3	8 50	14 00
Buff No. 1	15 00	20 00
" 2	13 00	18 50
Brown	20 00	25 50
Roman Red	30 00	30 50
" Buff	30 00	33 50
" Brown	35 00	40 50
Hard Building	6 50	12 00
" Sewers	6 50	12 00
" Backing	6 00	11 50

Moulded and Ornamental from $2.00 to $5.00 per 100.
Terra Cotta String Courses and Friese, from 50c. to $2.00 per ft. run.
Roofing Tiles, $20.00 per 1,000, $23.00 Montrea.

BEAMSVILLE BRICK AND TERRA COTTA CO.

	F.O.B. Beamsville.	F.O.B. Montreal.
Red Peerless Facing	$16 00	$21 50
" No. 1	14 00	19 50
" No. 2	12 00	17 50
" No. 3	10 50	15 00
Brown Peerless Facing	20 00	25 50
" No. 1	18 00	23 50
Buff Peerless	20 00	25 50
" No. 1	18 00	23 50
" No. 2	15 00	20 50
Moulded and Ornamental Brick from $3 to $10 per C:		
Roman Red (Size 12 x 4 x 1½ in.)	30 00	35 50
" Buff " "	30 00	35 50
" Brown " "	34 00	39 50
Vitrified Paving Brick No. 1	18 00	23 50
" " " No. 2	15 00	20 50
Sewer	8 00	13 50
Roofing Tile	22 00	20 00

FIRE BRICK

TORONTO POTTERY CO.

	F. O. B. Toronto Car lots	Less
Boyd	20 00 M.	25 00 M.
W. W. Co.	22 50 M.	27 50 M.
Savage Crown	28 50 M.	32 00 M.
Ramsay		30 00 M.

STONE.

	Toronto.	Montrea
Common Rubble per toise, delivered at building	13 50	11 00
Large flat Rubble, per toise, delivered	14 00	18 00
Foundation Blocks, per c. ft.	40	50
Granite (Stanstead) Ashlar, 6 in. to 12 in., rise 9 in., per ft.		25
Amherst Red Sandstone Amherst, N.S., per cub. ft. on cars at quarry 40c . . at quarry		40
Sackville N B, brown or red stone f. o. b. Quarries	45	45
Missillon	30	40
Myers-Northport Red or River		

	Toronto.	Montreal.
Philip Gray Sandstones f.o.b. per cubic foot	75	65
Stanstead granite paving blocks, 8 in. to 12 in. x6 in. x4½ in. per M		50 00
Granite curbing stone, 6x 20 in per lineal foot		70
Buctouche Olive Freestone	85	65
Olive Sandstone (Indiantown, N. B)	80	70
Brown Sandstone (Sackville, N. B.	80	70
Moat red sandstone, per cu. ft.		60
Black Pasture buff stone per cu. ft.		50
Hagersville Crushed Stone per ton	1 25	
Nova Scotia blue grey, per cu. ft.		65
Coursers, 6 to 8 in. f. o. b. St. Mary's. per cord		7 00
Footing, 6 to 10 in. per cubic ft.		15
Dimension Stone, f. o. b. St. Mary's, per cubic foot		35
Granite (Laurentian Pink) Ashlar, 6 to 12 in., rise 9 in., per c ft.		25
Dimension Stock Granite, (Laurentian Pink) for building purposes, per c. ft., f.o.b. quarries		40
Do., for polishing purposes, up to 2 tons weight, per cubic foot		70
	F.O.B. Halifax	
Dimension stock granite for building purposes, per cu. ft.		50
Do., for polishing purposes, up to 2 tons weight, per cubic ft.		1 00
Paving sets, per thousand block		60 00

CREDIT VALLEY STONE.

	F.O.B. Quarries.
Rubble, per ton	60
Brown Coursing, up to 10 per sup. yard	1 75
Brown dimension, per cub.	70
Grey coursing, per sup. yard	1 25
Grey dimension, per cub. ft.	40

ROMAN STONE. F. O. B. Factory.

6" x 3" Sills, tooled seated and throated 35c. per lineal foot	
Window Heads and Ashlar, 40c per square foot	
Window and Door Quoins tooled 40c. per superficial foot	
String Courses, Molded or Ornamental, 6" to 12" rise 50c to $1 50 per lineal foot	
Hollow wall tooled finish 14" thick 40c. per square foot	

SLATE.

	Toronto.	Montreal.
Roofing (per square).		
red	20 00	20 00
purple	9 00	10 00
unfading green	10 00	11 00
black	9 00	9 00
Terra Cotta Tile, per sq	23 00	25 0
Ornamental Black Slate Roofing		77 3

PORTLAND CEMENT

(CARLOADS.)

Canadian (Packages, 350 lbs. net.):

	Toronto.		Montreal	
Rathbun's Star	1 70	2 00	1 80	2 00
Trowel			1 85	1 95
Samson	1 75	1 85		
Magnet	1 55	1 65		
Monarch	1 80	1 90	1 90	2 00
Hercules	1 75	1 75		
Imperial		2 80		
Crescent 375 lbs. gross	2 30	2 40	1 95	2 05
Diamond 350 " "	2 20	2 30	1 85	1 95
"Giant" Brantford	1 75	2 00	2 00	2 50

American (in Bags):

"Helderberg"			1 90	2 00
Alsen				2
Lehigh, in bbls., 375 lbs.		2 35	2 10	2
" cotton sacks, 350 net		2 00		2
" paper bags		2 10		1
"Iron Clad" in bags 350 lbs.			1 80	1
"Invicta" " " "			1 65	1 70
"Adirondack" " " "			1 50	1 65

Vulcanite (The Toronto Pottery Co., Limited. Toronto) 350 lbs. per bbl.

In paper bags		1 80
" wooden bbls.		2 00
" cotton bags		2 10

English in Barrels):

Brook's Shoobridge Anchor	2 35	2 40	2 00	2 10

Belgian (in Barrels):

"Josson"	2 60	2 70	2 20	2 30
"North's Condor	2 05	2 10	2 25	2 30
"White Cross"	1 90	2 00	1 75	1 80
Hammer			1 80	1 90
White Star	2 15	2 25	1 90	2 00
Samson			1 80	1 90

German (in Barrels):

Offenbacher				2 35
Alsen	2 65	2 95		2 40
Dyckerhoff	2 65	2 75		2 40
Hercules	2 25	2 35		2 15

Keene's Superfine "Whites"	10 00	12 00	8 50	9 00
Keene's Coarse "Whites"	6 50	7 00	4 50	5 00
Fire Bricks, Newcastle, per M	27 00	32 00	18 00	22 00
" Scotch "	28 00	33 00	19 00	23 00
Plaster Calcined, N.B.		1 70		1 60

CORRECTED UP TO JANUARY 31ST

CANADIAN

Contract Record

A Weekly Journal of Public Works, Tenders, Advance Information and Municipal Progress

This Paper Reaches Every Week the Town and City Clerks, Town and City Engineers, County Clerks and County Engineers, Purchasers of Municipal Debentures and Leading Contractors in All Lines Throughout Canada

VOL. 15. TORONTO, MONTREAL, WINNIPEG, FEBRUARY 8, 1905 No. 52

THE CANADIAN CONTRACT RECORD
PUBLISHED EVERY WEDNESDAY
As an Intermediate Edition of the Canadian Architect and Builder.
THE C. H. MORTIMER PUBLISHING COMPANY
of Toronto, Limited,
CONFEDERATION LIFE BUILDING, TORONTO.
Telephone Main 2362.
Branch Offices :
38 Alliance Building, Montreal,
Telephone Main 2299.
720-721 Union Bank Building, Winnipeg.
21 Great St. Helen's, London, England.

TENDERS WANTED

For the construction of a Presbyterian Church at Regina. Tenders will be received up to JANUARY THE 25TH, 1905. Lowest or any tender not necessarily accepted. Plans and specifications can be seen at the office of the undersigned to whom tenders must be addressed.

P. McARA.
Regina, N.W.T.

TENDERS FOR

DREDGING AND FOUR BRIDGES

Sealed tenders will be received by the undersigned until 2 O'CLOCK P.M. on THURSDAY, FEBRUARY 23RD, 1905, for dredging about 3½ miles in the Rivard Drain, in the Township of Dover, County of Kent. Also for building two steel and two wooden bridges over said drain.

Plans and specifications can be seen at the office of A. McDonell, civil engineer, in the city of Chatham.

The lowest or any tender not necessarily accepted.

Tenders to be marked "Tenders for Dredging, and for Bridges" respectively.

H. N. BECHARD,
Commissioner,
Dover South P.O.

Tenders for the Supply of from 1000 to 1500 Tons of Asphalt

Sealed tenders, addressed to the Chairman of the Committee on Works, for the supply of from 1,000 to 1,500 tons of asphalt for street paving for the City of Winnipeg, will be received at the office of the undersigned up to 8.30 p. m. on TUESDAY, FEBRUARY 21st, 1905.

Specifications and forms of tender may be obtained upon application at the office of Col. H. N. Ruttan, City Engineer, Winnipeg.

Each tender must be accompanied by an accepted cheque or cash deposit for the sum called for in the form of tender supplied, which will be subject to forfeiture in case of failure on the part of the contractor to enter into a written contract, with approved sureties, if called upon to do so.

The city reserves the right to reject any or all tenders or to accept any bid which appears advantageous to the City of Winnipeg.

C. J. BROWN, City Clerk.
City Clerk's Office, Winnipeg, Jan. 27, 1905.

Wanted — A Competent Draughtsman for Architect's Office; one capable of taking entire charge during proprietor's absence. State salary wanted and give idea of previous experience. Address Box 67, CONTRACT RECORD, Toronto, Ont.

TO CONTRACTORS

Separate or lump tenders will be received until FRIDAY, THE 17TH OF FEBRUARY, for the erection of a

Large Power House Building

which will be built of either cut stone or granite, and will be erected adjacent to Queen Victoria Park, at Niagara Falls, Ont., for the

Electrical Development Co. of Ontario, Limited

Plans and specifications can be seen and all other information obtained at the office of the architect, Toronto, and also at the office of the company, Queen Victoria Park, Niagara Falls, Ont.

E. J. LENNOX, Architect,
Toronto.

TENDER FOR Supplying and Laying Submerged Pipe

Sealed tenders marked "Tenders for Sewer Outlets," and addressed to M. W. Flannery, Town Clerk, will be received by the Corporation of the Town of North Bay, Ontario, not later than 12 o'clock noon of the 20th DAY OF FEBRUARY, 1905, for the supplying of material and labor necessary in connection with the construction of two submerged sewer outlets of cast iron pipe 12" diameter each 650 feet long.

Plans, details, specifications and form of proposal may be seen at the office of the Town Engineer, L. O. Clarke, and from whom copies can be obtained.

The lowest or any tender not necessarily accepted.

M. W. FLANNERY, Town Clerk
North Bay, Ontario, January 27th, 1905.

TOWN OF EAST TORONTO
PROVINCE OF ONTARIO

TENDERS FOR

PUMPING STATION

Tenders will be received by the undersigned up to 8 p.m. on MONDAY, FEBRUARY 20TH, 1905, for providing the materials and labor required for the erection of a

Reinforced Concrete Pumping Station

at the foot of Beech Ave., East Toronto.

Plans and specifications may be seen and forms of tender obtained at the office of the undersigned, or at the Head Office of John Galt, C.E. & M.E. Chief Engineer, Toronto.

A certified bank cheque for $500 must accompany each tender.

W. H. CLAY, Clerk.
Town of East Toronto.

Wanted — By party in Toronto, who has good connection with the building trade, lines to handle on commission. Best of references furnished. Box 69, CONTRACT RECORD, Toronto, Ont.

Debentures for Sale

Sealed tenders will be received by the undersigned up to 6 o'clock p.m. of the 15TH DAY OF FEBRUARY, 1905, for the purchase of debentures of the Village of Iroquois, Ont., known as the Consolidated Debentures, for $11,000.00, bearing interest at 4½% and repayable in twenty equal annual payments.

The highest or any tender not necessarily accepted.

JAS. FLANAGAN, Village Clerk.

TENDERS FOR SUPPLY OF WATER PIPE

Sealed tenders, addressed to the Chairman of the Fire, Water & Light Committee, for the supply of approximately 1750 tons of water pipe and specials of various sizes will be received at the office of the undersigned up to 3.30 p. m. on MONDAY, APRIL 10TH, 1905.

Specifications and forms of tender may be obtained at the office of H. N. Ruttan, City Engineer, Winnipeg, Canada.

Each tender must be accompanied by an accepted cheque, draft, or cash deposit for the sum called for in the form of tender supplied, which will be subject to forfeiture in case of failure on the part of the contractor to enter into a written contract with approved sureties if called upon to do so.

The city reserves the right to reject any or all tenders, or to accept any bid which appears advantageous to the City of Winnipeg.

C. J. BROWN,
City Clerk.
City Clerk's Office, Winnipeg, Feb. 4th, 1905.

The Board of Education
TORONTO

TENDERS WANTED

Sealed tenders, addressed to the Secretary-Treasurer of the Board, will be received until

Friday noon, February 24th, 1905,

for the several works required for the erection of a

SCHOOL BUILDING

on Broadview Avenue.

Plans and specifications may be seen and all information obtained at the office of the Board of Education, City Hall, on and after Friday, the 10th inst.

Each tender must be accompanied by the deposit mentioned in said specifications and forms of tender.

The lowest or any tender will not necessarily be accepted.

L. S. LEVEE,
Chairman of Committe.
W. C. WILKINSON,
Secretary-Treasurer.

[FOR ADDITIONAL ADVERTISEMENTS FOR TENDERS SEE NEXT PAGE.]

TENDERS WANTED

Separate or lump tenders will be received until WEDNESDAY, THE 15TH OF FEBRUARY, for the erection of a

WAREHOUSE BUILDING

on Wellington Street West, Toronto. Plans and specifications may be seen at the office of the undersigned, and also at the office of Messrs. John C. Green & Co., 420 Ridout Street, London.

WICKSON & GREGG,
59 Yonge Street, Toronto.

CONTRACTS OPEN.

KILLARNEY, MAN.—The C. P. R. will build a new station here.

GALT, ONT.—Alex. Byers intends building some residences in the spring.

ALVINSTON, ONT.--John Morwood purposes starting an excelsior mill here.

MEAFORD, ONT.—Steps may be taken this year to build a new town hall.

SHEFFIELD, ONT. — The Oddfellows Society purpoose building a new hall this spring

CLANFORD, ONT.—Allen Young and Austin Smuck each intend building a brick residence.

NEWMARKET, ONT.—G. A. Binns has purchased a lot on Botsford street on which he intends building a fine residence.

HANOVER, ONT.—Bids are invited by W. D. Mernes up to 14th inst. for purchase of $15,600 local improvement debentures.

ESSEX, ONT.—Bids will be received by W. D. Beaman up to 10th inst. for purchase of $1,500 5 per cent. 15 year debentures.

BROOKHOLM, ONT.—J. W. Fox wants tenders by Tuesday, 14th inst., for the erection of a church at Shouldice, Township of Keppel.

COBOURG, ONT.—Plans are being discussed for the erection of a House of Refuge for the county of Northumberland and Durham.

DELMER, ONT.—Tenders for erection of a church here will be received by W. H. Kipp up to 25th inst. Plans at his residence after 12th inst.

NAPANEE, ONT.—Mr. Carson, of Belleville, has submitted a proposition to the Town Council to build a canning factory here costing $15,000.

ST. CATHARINES, ONT. — The County Council have appointed a special committee to look after the building of a bridge to replace Robins' bridge.

NORTH BAY, ONT.—The Trustees of the Methodist church have appointed a committee to report as to the probable cost of building a new church.

DUNCANS, B.C.—It is proposed to submit a by-law to the ratepayers empowering a company to provide waterworks and electric light systems.

PRESCOTT, ONT.—A by-law will likely be submitted to the ratepayers at an early date to raise funds to install another waterworks pump and boiler.

BURKS FALLS, ONT.—The ratepayers will vote on a by-law on the 27th inst. to raise $7,000 by debentures for additional cost of constructing the waterworks system.

SARNIA, ONT. — The question of joining with the Bosanquet Township Council in building the Klondike bridge will be considered at the June session of County Council.

VICTORIA, B. C.—Tenders will be invited at once for the supply of electric light carbons for city lighting.—The contract for the new C. P. R. hotel has not yet been awarded.

CHATHAM, ONT.—The new Council are discussing the erection of a new market building, and it is probable that the local architects will be asked to again submit plans.

ST. THOMAS, ONT.—It is believed that a union station will be built here in the near future. The railroads interested are the Wabash, the Pere Marquette and the Michigan Central.

LEAMINGTON, ONT. — Mettam, Tendon & Co., hardware merchants, have purchased a site on which they propose erecting a two-storey building of cement blocks, with plate glass front.

FREDERICTON, N. B.—C. H. LaBillois, Commissioner of Public Works, is asking for tenders up to Monday, 20th inst., for rebuilding "Forks" bridge over Eel river in parish of Dalhousie.

PORT COLBORNE, ONT.—Engineers were in town last week making preliminary surveys for the erection of a new bridge crossing the canal at this point for the Grand Trunk Railway.

TRURO, N.S.—Tenders will be received by Hugh Mackenzie up to Monday, February 27th, for the erection of a home for the poor. Plans at the office of Dougald Henderson, Revere street.

TORONTO JUNCTION, ONT.—The Wilkinson Plough Co. have made application for a site immediately east of Campbell ave., it being their intention to establish a new manufacturing industry.

ORILLIA, ONT.—C. E. Grant, Town Clerk, wants tenders by 15th inst. for purchase of $41,000 4 per cent. debentures.—Father Moyna has in view the erection of a new R. C. church to cost about $30,000.

STRATFORD, ONT.—A deputation from Downie, Fullarton and Blanshard townships have petitioned the County Council to build a bridge over the Thames river on the town line at the junction of these townships.

REGINA, N.W.T.—The City Council have decided to submit a by-law to the ratepayers to raise $60,000 for building a new city hall.—The Dominion Government have purchased a site for the proposed post office.

MEDICINE HAT, N. W. T.—It is estimated that the proposed municipal building will cost in the neighborhood of $30,000.—Tenders have just been taken for the supply of a considerable quantity of iron pipe.

ST. HYACINTHE, QUE.—Tenders for the erection of a drill hall at this place will be received at the Department of Public Works, Ottawa, up to Thursday, 16th inst. Plans on application to the caretaker here.

CHARLOTTETOWN, P. E. I.—An engineer has estimated the cost of a new electric plant for the city at $21,550. Should a new plant be installed it will be operated by steam, as there is no water power available within reasonable distance.

TUCKERSMITH, ONT. — Tenders are invited by A. G. Smillie, up to Saturday, 18th inst., for the construction of cement concrete abutments for a 90-foot bridge over the Bayfield river. Plans at Mr. Smillie's office and at the town hall, Seaforth.

GODERICH, ONT. — The County Council will build the following new bridges the coming summer: On the 9-mile creek, 2 miles south of Lucknow; on the Maitland river, known as Morris Bank bridge, and on the Bayfield river, known as Maccan's bridge.

PAISLEY, ONT.—Greenock Township Council will shortly call for tenders for rebuilding Watson's bridge, steel superstructure on cement abutment. It may be necessary also to rebuild the Riversdale bridge and another bridge 300 feet long on the 18th Concession.

OWEN SOUND, ONT.—The Board of the General and Marine Hospital have asked the County Council for a grant of $10,000 for the enlargement of the building.—As a means of reducing the consumption of water, the town may install meters on the service, at a cost of about $18,000.

NEW WESTMINSTER, B.C.—The new saw mill for the Small & Buckland Co. has not been definitely located.—The scheme of the Chilliwack Light & Power Co., to build an electric railway from this city to Chilliwack, was endorsed at a special meeting of the Board of Trade last week. J. B. Morgan, of Chilliwack, is the promoter.

QUEBEC, QUE.—F. Simard & Co., dry goods merchants, have purchased the large building, corner St. Joseph and la Chapelle streets, and another building adjoining, and will rebuild them in the spring.—It is reported that the Protestant Board of School Commissioners have about decided upon the erection of a new school building to replace the old Elgin street school.

WOODSTOCK, ONT.— McKay & Mahon, solicitors, give notice of proposed application to parliament for the incorporation of the Woodstock and Lake Huron Railway Company, for the purpose of building a steam railway from Woodstock to St. Mary's, with branches to Grand Bend, Goderich and Kincardine. Woodstock capitalists are behind the project.

KINGSTON, ONT. — The Department of Public Works, Ottawa, are asking for tenders up to Friday, 17th inst., for the construction of a stable for "B" battery at this place. Plans at the office of Arthur Ellis, architect. — Plans have been received from Ottawa by a local architect for the new skating rink to be built at the Royal Military College, cost about $7,000.

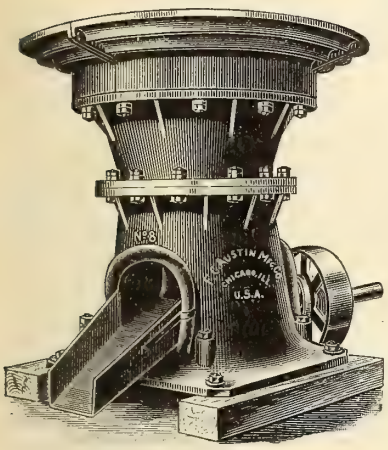
ST. JOHN, N. B.—At the annual meeting of the Pender Nail Works Co., held last week, it was decided to erect a new mill to cost about $25,000.—Snow & Barbour, of Boston, have finished the surveys for the proposed waterworks extension for this city and specifications for the work will now be prepared.

WALKERTON, ONT.—The Walkerton and Lucknow Railway Co. have petitioned for power to construct a railway from Hanover to a point on the Toronto, Grey and Bruce Railway between Flesherton and Dundalk; from Lucknow to Wingham, and from Teeswater to Kincardine. Alexander Shaw and J. H. Scott, of this place, are interested.

BRANDON, MAN.—The City Council are about to ask for tenders for 7,000 barrels of Portland cement and 15,000 ft. of 8 inch vitrified sewer pipe, also for laying proposed water mains.—The City Engineer has been instructed to prepare plans and call for tenders for proposed lateral sewers in District No. 1. A trenching machine will be purchased upon the City Engineer's recommendation, at a cost of $4,650.—The provincial estimates provide $11,800 for the lands title office here.

PETERBORO, ONT.--The managers of St. Andrew's church purpose providing increased accommodation by the erection of a large gallery on three sides of the edifice.—Three new churches will be built here this year, namely, the Park street Baptist, All Saints Anglican, and the Methodist church in the south end of the town. — Notwithstanding that the by-law to provide funds for the erection of a new fire hall was defeated by the ratepayers, it is probable that the Fire, Water and Light Committee will take some steps this year to provide better fire protection.

THE "AUSTIN" GYRATORY CRUSHER



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THE "AUSTIN" can crush exceptionally hard material.

THE "AUSTIN" can work long and fast with few (if any) repairs

THE "AUSTIN" is supplied with convenient adjustments and devices

THE "AUSTIN" has succeeded where others failed

Plans and Specifications

For complete concrete mixing and rock crushing plants furnished on application.

WRITE FOR CATALOGUES

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AMHERSTBURG, ONT. — R. D. Little desires tenders by February 16th for supply of 56 electric light poles for city use.—J. H. C. Leggatt, Town Clerk, will receive tenders up to Monday, 13th inst., for purchase of $6,675.03 4½ per cent. local improvement debentures, to pay for construction of sewers and silex walks.—The Canada Southern Bridge Co. are seeking an extension of time for constructing a bridge or tunnel over or under the main channel of the Detroit river from this place towards Stoney Island.

GUELPH, ONT.—The County Council will take steps towards the construction of the Chambers bridge, on boundary line between Wellington and Waterloo Counties. The contract for this bridge was let last year, but owing to unforeseen difficulties its erection was not proceeded with.— L. C. Wideman, architect, has in hand the following works: Brick and stone residence for Robert Simpson, cost $5,000; hotel at Prince Albert, N.W.T., brick and stone, 75 rooms; row of roughcast cottages at Rockwood, Ont.

HAMILTON, ONT.—The Separate School Board contemplate building a modern school on the property bounded by Main and King streets and East and Victoria streets.—T. Beasley, City Clerk, is asking for tenders up to Monday, 20th inst., for the erection of a butchers' pavilion, also for the building of a public convenience on the central market. Plans at the office of James Balfour, architect.—The members of St. Andrew's Society recently considered plans for a new building and the matter will be further discussed at the next meeting.—Negotiations are on foot for the purchase of property on the corner of Barton and Wentworth streets on which to build a large apartment house.—The Markets Committee have decided to build the shelter for butchers according to the plans prepared some time ago. It will cost about $12,000.—Improvements will likely be made in the spring to the interior of the City Hall.—It is reported that the Canadian Pacific Railway are considering the construction of an electric railway from Hamilton to Niagara through the heart of the fruit district.

MONTREAL, QUE.—The Dominion Government have purchased a site immediately in the rear of the St. James Hotel for the proposed postal distributing station. As soon as plans are decided upon, work on the new building will be commenced. — The Montreal Land & Improvement Co. have just authorized their manager, U. H. Durdurand to proceed with the erection in Alexandra Park of twenty workmen's houses to contain two dwellings each, and ten self-contained houses. The buildings will be brick with stone fronts.—The Stanley Hall will be demolished on May 15th next to provide a site for the Molson's Bank building to be built on the corner of Stanley and St. Catherine streets. A new Stanley Hall will be erected by Prof. Frank N. Norman at 108-110 Stanley street, for which architects are now preparing the plans. It will have balconies on three sides and will cost about $30,000.—Building permits have been granted as follows:—H. M. Molson, new building, corner Craig and Notre Dame streets, cost $4,000; Eusebe Roy, two 2-storey dwellings, Pontiac street, and three 2-storey dwellings, Berri street, cost $7,500; J. E. Tremblay, 3-storey dwelling, St. Catherine street, cost $3,000; Leon Charbonneau, 3-storey dwelling, Harbour street, cost $3,500; Theo. Cordeil, 2-storey dwelling, Magdalen street, cost $4,200; James M. Aird, dwelling on St. Urbain street, cost $2,400; F. Gaudreau, dwelling and store, 109 St. Lawrence street, cost $2,000.—Marchand & Haskell, architects, have prepared plans for the new Mother House which the Rev. Ladies of the Congregation of Notre Dame purpose erecting on the property on Sherbrooke street recently purchased from the Seminary of St. Sulpice. The building will have a frontage on Sherbrooke street of 550 feet and will likely be four stories high. Ground will be broken about April 1st.—Contracts will be awarded this week for additions to the Lansdowne, Aberdeen, Dufferin and Mount Royal schools. These, with the proposed new senior school, will cost about a quarter of a million dollars.

OTTAWA, ONT.—L.K.Jones, Secretary Department Railways and Canals, will receive tenders up to Saturday, March 4th, for the supply of British Columbia or Douglas fir timber required for the Rideau canal. Specifications at the office of the Superintending Engineer.—Chief Provost, of the Fire Department, has again recommended the purchase of the following additional equipment: One water tower, one 1,000 gallon engine, a hook and ladder truck, 3,000 feet of new hose, and three heaters for the three engines. He also recommends the erection of a new station to replace No.4.—Ald. Davidson, Chairman Works Committee of the City Council, has recommended the purchase of a 10-ton road roller and road scraper, at a cost of $3,400. He is also in favor of construct-

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ing a subway at Bank street and of establishing a complete scavenger system.—M. P. McGrath, who has been awarded the contract for the construction of the Ottawa River Railway and branches, is asking for tenders up to February 25th for 400,000 cedar ties. Delivery will be accepted at Ottawa, Hawkesbury, Lachute, Ste. Agathe and Montreal. Tenders are to be addressed to Mr. McGrath at Easton, Pa.—The City Engineer has been requested to prepare plans for a modern registry office.—Rev. R. C. Horner, head of the Holiness Movement, has decided to erect a new church this year adjoining the present college, corner Bank and Flora streets, cost about $7,000.—The Ottawa River and Northern Railway Co. is applying for incorporation to build a railway from Grenville to Argenteuil and Montebello, in Labelle, and thence to connect with the Grand Trunk Pacific.--The Public School Board have decided to ask the City Council for $88,000 to provide the following increased school accommodation: New school in Dalhousie Ward, cost $16,000; eight-room addition to Archibald street school, cost $20,000; eight-room addition to Elgin street school, cost $40,000; four-rooms to Creighton street school, cost $12,000.—The statement is made that the Grand Trunk Railway have in view a considerable extension of the terminal facilities around the central depot of the Canada Atlantic branch. The construction of a direct line from Ottawa to Kingston is also spoken of.

LONDON, ONT.—H. C. McBride, architect, has prepared plans for extensive alterations to the post office, to cost about $20,000. — The congregation of Trinity church, Birr, have decided to build a new rectory.—The Canadian Bank of Commerce have purchased the office building belonging to the Gunn Estate, which immediately adjoins the bank premises to the north on Richmond street. The property will be utilized for the enlargement of their present premises or the erection of an entirely new building on the site.—Plans have been prepared for a large number of houses in the vicinity of Chesley ave., and it is believed that the Board of Education will be compelled to build a large addition to the Chesley ave. school this year.—R. Gash is building a 1½ storey brick dwelling on North Kensington street, East London.—A petition is being circulated for the rebuilding of the sewer on Dundas street, from Adelaide street westward.—The Board of Works have decided to place a sum in the estimates for the purchase of a site and the building of a new registry office. — A. O. Graydon, City Engineer, will receive tenders up to Thursday, 23rd inst., for supplies for the year, including concrete walks, iron castings, Portland cement, concrete, glazed tiles, lumber and broken stone.

VANCOUVER, B. C.—At the Health Conference held here last week, the question of the establishment of a sanitarium for the treatment of consumptives was discussed. Dr. Fagan, Provincial Medical Health Officer, will tour the Province in support of the movement.—T. F. McGuigan, City Clerk, is asking for bids by Saturday, April 1st, for the purchase of $175,000 4 per cent. 40-year debentures, also up to 4 p. m. to-day (Wednesday) for supply of cast-iron water pipe.—City Engineer Tracy is about to build an addition to his business block on Hastings street west, opposite the Vancouver Club, at a cost of $4,500.—Plans are being prepared for a new hotel to be built on Granville street, immediately south of the Strathcona block, to cost about $80,000.—Chief Carlisle, of the Fire Department, has asked for the following appropriations: New fire hall for No. 1, $12,000; new fire hall in west end, $11,000; three fire engines, $15,000; fire boat, $75,000.—The City Engineer has been asked to report on the cost of establishing a high level waterworks system for Mount Pleasant. The cost will be about $100,000.—Tenders will be received up to 22nd inst. for supplying the city with brass work and lead and galvanized-iron pipe.—James Mackay has recently sold to an English syndicate several lots on the north side of Pender street, between Hornby and Burrard streets, and it is said that the purchasers intend building a brick block thereon.--W. A. Clark & Co. have also sold to an English syndicate five lots on Hastings street west, nearly opposite the Vancouver Club, on which fine residences are likely to be built this year.—W. R. Lord, of the Anglo-British-Columbia Packing Co., will shortly commence the construction of a cannery at the mouth of the Naas river.—The sum of $2,500 has been subscribed towards the proposed Vancouver Athletic Club building and it is expected that a $10,000 structure will be erected. The secretary of the committee is Al. Larwill.

WINNIPEG, MAN. — J. Schwab, architect, is asking for tenders for a brick

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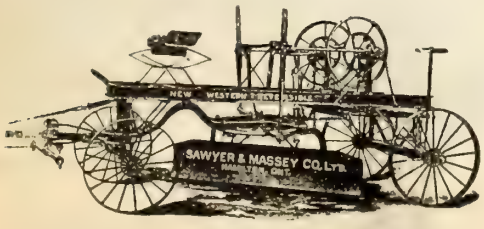

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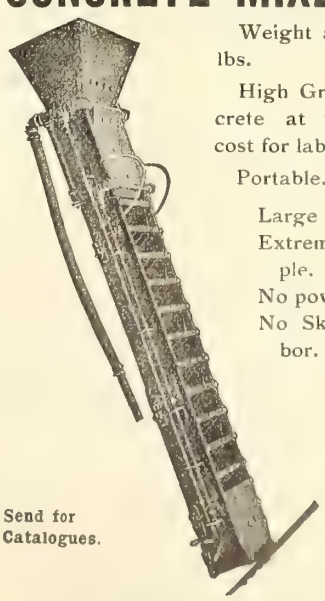

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building 50x40 feet and 2 stories high, corner King and Dufferin streets.—V. Barton is taking tenders this week for the erection of a frame store and dwelling house at corner of Saulter street and Logan avenue.—Plans have been completed for the new Normal school to be built in this city and tenders will be invited shortly.—The Anglin Lumber & Pulp Co., recently organized here with a capital of $300,000, propose to operate on the Winnipeg river near Lac du Bonnet, about 65 miles from this city. It is intended to build saw and pulp mills.—Surveyors have completed the location for the proposed C. P. R. branch line of 180 miles from Golden, B. C, to Jaffray.—Tenders are about to be invited by the city for about 20 miles of water pipe.—At the annual meeting of Dufferin avenue Presbyterian church, a committee was appointed to take steps to build a new church. Particulars from Joseph Norris, secretary.—C. J. Brown, City Clerk, is asking for tenders up to Monday, 13th inst., for the supply of two 250 horse power water tube steam boilers for the City Waterworks. Information from H. N. Ruttan, City Engineer.—W. B. Lait, architect, has prepared plans for a four-storey building, with basement, to be built on Louise street by the Sons of England Benefit Society. The lower floors will be arranged as a wholesale warehouse, while the top flat will be divided into bachelors' apartments ; estimated cost, $40,000.—A. & W. Melville, architects, are preparing plans for an extensive addition and elaborate alteration to the Brunswick Hotel, Main street, owned by Wright & Carroll ; estimated expenditure, $35,000.

TORONTO, ONT. — Tenders are wanted at 160 Major street by February 11th for erection of a pair of brick dwellings.—Plans for the waterworks tunnel to be constructed under the Bay are almost completed and tenders will be invited within a few days. Tenders will also be called for shortly for the new engine for the high level pumping station.—It is officially announced that the Dominion Government have purchased the property on the north-east corner of Yonge and Charles streets on which to erect a branch post office.—The Board of Control are asking for tenders up to February 21st for the furnishing and erection of steel work in floor of new pumping station, also for the supply and delivery of 24 and 16-inch special castings.—The contract for the extension to the Island breakwater will not be awarded for a short time, as the Dominion Government are making enquiries as to the relative cost of concrete and metal piling.—The City Engineer has recommended the raising and extension of the Don bridge at Queen street, at an estimated cost of $100,000.—He has also reported that a channel in the Bay, 200 feet wide and 10 feet deep, from Hanlan's Point to Centre Island wharf would cost $70,000, and that the cost of extending the existing 4-inch main on Centre Island to Ward's Island would be $3,000.—James Macdougall has reported to York County Council that the Bradford bridge over the west bank of the Holland river is in a dangerous condition. This bridge has a span of over 300 feet.—Ryrie Bros., Limited, have leased the Boisseau property corner Temperance and Yonge streets and are having plans prepared for the remodelling of the interior of the building, the addition of handsome new store fittings, and a bronze store front.—The City Engineer has reported that the cost of a swing bridge at Queen's wharf to connect with the Island sand bar would be $200,000. In reference to the proposed system of sewers to be constructed east of the Woodbine, he reports that owing to some changes in the plans, the approximate cost will be $24,000.—The City Engineer has recommended the construction of the following works : Pavements and roadways — Elizabeth street, from College to Grenville, asphalt, $1,460 ; Wellington street, Yonge street to Park road, $8,420 ; Osler ave., Royce to city limits, $3,744 ; Elm ave., Huntley to the west end, tar macadam, $1,290 ; Markham street, Bloor to Follis ave., asphalt, $11,656 ; Northumberland street, Delaware ave. to Dovercourt road, asphalt, $1,426 ; Yonge street, Summerhill ave. 789 feet south, asphalt, $8,997 ; Chestnut street, Queen to Armoury street, asphalt, $6,445 ; Kensington ave., St. Patrick to Baldwin, asphalt, $4,910 ; Argyle street, Dundas to Dovercourt, brick, $5,977 ; Vermont ave., Palmerston to Manning, cedar block, $2,500 ; Princess street, King to Esplanade, vitrified block, $10,337 ; Grace street, 494 feet north of College and Grace streets to 500 feet further north, tar macadam, $2,224 ; Mechanics' ave., Wyndham street to Delaney crescent, brick, $2,330 ; Casimir street, St. Patrick 193 feet north, cedar block, $712. Cement concrete sidewalks—Dupont street, Huron to 968½ west, except 22¼ feet from Spadina road east, $950 ; McMaster ave., Avenue road to Rathnally ave., $966 ; Clinton street, Mansfield to College, $782 ; McMaster ave., Rathnally ave. to 322 feet east, $490 ; Badgerow ave., Pape ave. to 557 feet east, $654 ; Close ave., King to Springhurst, $1,219 ; Sheridan ave., Dundas to College, $720 ; Wright

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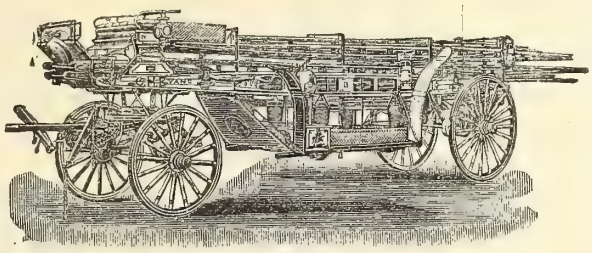

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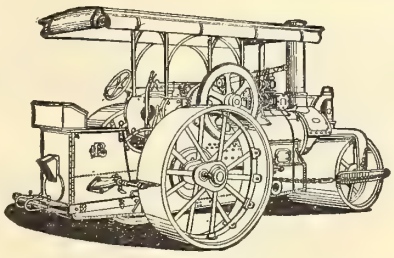

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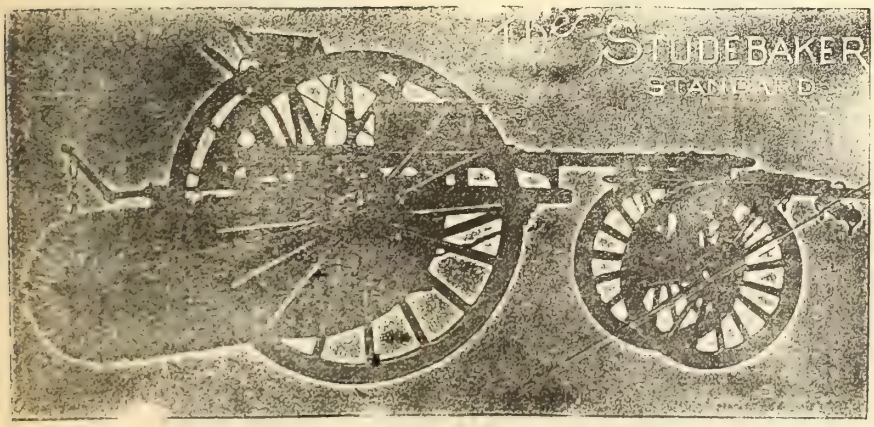

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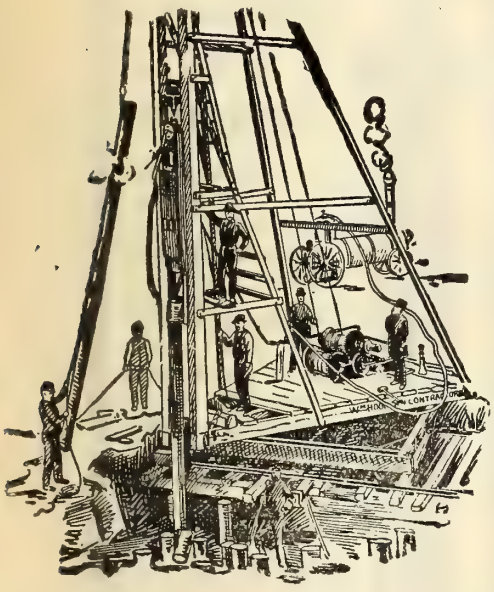

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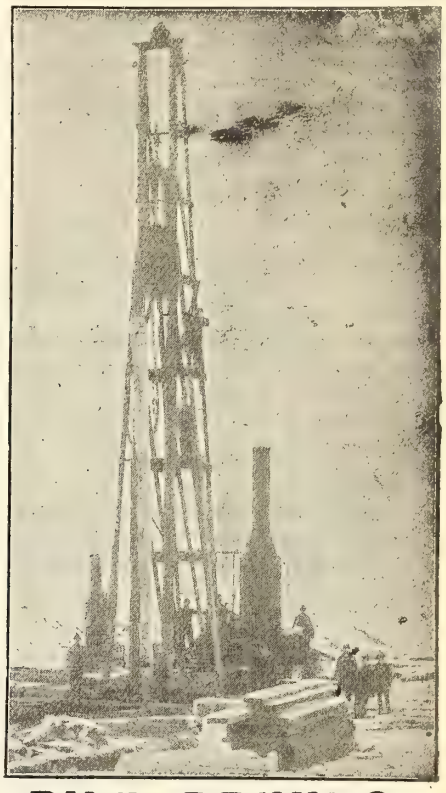
Confederation Life Bldg., TORONTO
Alliance Building, MONTREAL

If you want to reach Municipalities advertise in the CONTRACT RECORD.



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and Foundation Work.

By 5-ton Automatic Steam Pile Hammer, Water Jet or Drop Hammers, Dock Building, Submarine Work and Dredging.

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General Contracting.

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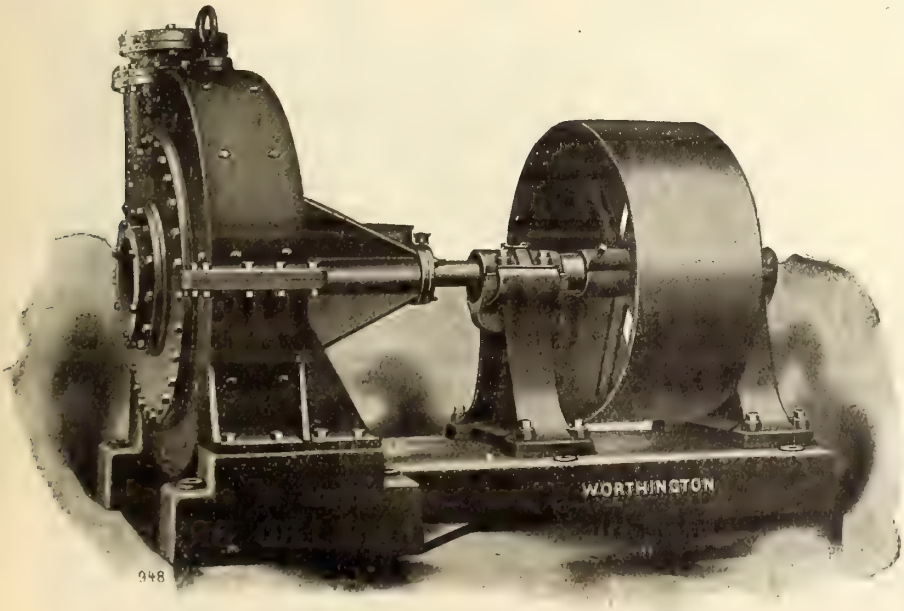

TEN INCH TURBINE DREDGING PUMP.

With removable chrome-steel lining and manganese-steel impeller. Used for handling phosphate rock and for dredging purposes. Capacity 2,500 gallons per minute against 50 feet head.

Pumps for Water Works

Water Works Systems Installed

Steam Boilers and Filters

Builders in Canada for Worthington Turbine Pumps.

THE JOHN McDOUGALL CALEDONIAN IRON WORKS

CO., LIMITED
Montreal, Que.

ave., Macdonell to Sorauren, $1,205; DeGrassi, Queen to Gerrard, $2,334; Sherbourne, Elm ave. to South Drive, excepting 189 1-6 feet opposite Nos. 32, 34 and 38, $419; DeGrassi, Queen to Gerrard, $2,377; Virtue, Sorauren ave. to 305 feet east, $205; Sussex ave., Spadina ave. to Robert, $376; Sussex ave., Huron to Spadina ave., $416; Sussex ave., Robert to Major, $204; Melinda street, from 26 feet west of Yonge to 53 feet further west, $76; Grace, from 494 feet north of corner of College and Grace streets, to 500 feet further north, $1,300.—The City Engineer has submitted his estimates for 1905. For the Waterworks Department he asks $572,202, of which $225,000 is for a 15,000,000 gallon triple expansion engine, including boilers and alterations to building.

CONTRACTS AWARDED.

IRON BRIDGE, ONT.—Erection of school house: James Forrest, contractor.

COLLINGWOOD, ONT. — New stores for Sanford H. Lindsay: Charles Mickler, contractor.

SARNIA, ONT.—Pilkington Township have awarded contract for steel bridge to Jenks & Dresser.

BURKS FALLS, ONT.—Extension of waterworks pipe into the lake: P. W. Hines, successful tenderer, $973.

ESSEX, ONT. — Improvements to waterworks plant and reservoir: Frank Brown, successful tenderer, $2,050.

CLINTON, ONT.—School house at Summer Hill: S. S. Cooper, contractor. —Residence for John Dale: S. S. Cooper, contractor.

WINNIPEG, MAN. — Ammunition magazine at Fort Asborne for the Dominion government: J. & J. McDiarmid, contractors.

NIAGARA FALLS, ONT.—G. H. Clark & Co. have been awarded the contract for the plumbing of the new Clifton House; price, about $15,000.

TORONTO, ONT.—The Manely Co., of this city, have been awarded the contract for construction of breakwaters at Port Stanley and Rondeau, to cost in each case about $100,000.

CHATHAM, ONT.—J. L. Wilson & Son, architects, have let the contract for the new William Baby block to The Blonde Co. Watt & Sons will do the plumbing and heating.

BRIDGEBURG, ONT. — It is reported that the Canadian Shipbuilding Co., of this place, have secured a contract for the building of a large part of the rolling stock for the new electric railway from Toronto to Niagara Falls.

VICTORIA, B.C.—S. Maclure, architect, has awarded the contract for a residence for Capt. J. W. Troup, to be built on the Esquimalt road, to F. J. Mesher; estimated cost, $10,000.—Repairing the British ship Haddon Hall: Victoria Machinery Depot, successful tenderers, price about $7,000.

FREDERICTON, N. B.—The Commissioner of Public Works announces the awarding of the following contracts: Rebuilding Eel river bridge, Victoria county, to Albert Brewer; rebuilding Green River bridge, Madawaska county, to Whitman Brewer, of St. Mary's; new bridge at St. Augustine, Northumberland county, to John Maloney; Fitzsimmons bridge, Westmoreland county, to T. A. Baird.

DUNNVILLE, ONT. — Laurence Munro, architect, Hamilton, has accepted the following tenders for the House of Industry to be erected here for the county of Haldimand: Bulk contractors, Cutler & Vanderberg, of Welland; sub-contractors, heating and plumbing, A. Rodgers, Hamilton; iron work, W. W. LaChance & Co., Hamilton; painting and glazing, A. McKenzie; slating and roofing, Mr. Findlay, Hamilton.

LONDON, ONT. — The William Mallock Co. have secured the contract for erecting a large conveyor and elevator for the Crystal Lake Ice Co.—The contract for tearing down and removing the old Grand Trunk roundhouse has been let to John Hayman & Sons. There are about 650,000 brick in the building.

ENGINEERS' CLUB OF TORONTO.

The following are the newly-elected officers of the Engineers' Club of Toronto:

President, R. F. Tate, resident engineer Canadian Northern Ry.; first vice-president, F. L. Sommerville, resident engineer G. T. R.; second vice-president, C. B. Smith, consulting engineer; directors, W. H. Patton, signal engineer G.T.R.; G. R. Mickle, School of Practical Science; A. B. Barry, Medical Health office, Toronto; treasurer, W. J. Bowers; secretary, Willis Chipman, C.E.

The members are now considering a proposition from the Canadian Society of Civil Engineers to form a branch in Toronto, in affiliation with the Club.

NEW COMPANIES.

Manitoba Peat Company of Winnipeg, Limited, Winnipeg, Man., incorporated, capital $200,000. Directors, R. J. Whitla, John Woodman, D. R. Dingwall, W. Clark and Robert Taylor.

Anglia Land & Lumber Company, Limited, Winnipeg, Man., incorporated, capital $200,000, to manufacture and deal in lumber, railway ties, building materials, etc. Directors, A. H. Himle, of Minneapolis, and Thomas Sharpe, James Horne and others, of Winnipeg.

Dailey Rotary Engine Company, Limited, Galt, Ont., incorporated, capital $100,000, to manufacture rotary engines, water meters, etc. Directors, Charles Hetherington, R. W. Roelofson, A. J. Oliver, Charles Turnbull and Frank E. Brown, of Galt.

North Bruce Lumber Company, Limited, Toronto, incorporated, capital $50,000, to manufacture and deal in lumber. Directors, Frank Reilly, J. B. Bartram,

THE
Matthew's Fire Hydrant

Is the recognized Standard Hydrant, and is the easiest Hydrant to keep in order.

Our Hydrants are thoroughly tested before shipment, and are of substantial proportions and weight.

Have your Engineer specify "The Matthew's" and get our tender.

THE KERR ENGINE CO., LIMITED
Walkerville - Ont.

CLIMAX ALL STEEL REVERSIBLE ROAD MACHINES

When you want a GRADER, DON'T BUY A MACHINE SHOP, DON'T BUY TROUBLE, BUY A CLIMAX; the result of years of designing and experience in Road Machines. ALL PARTS hot riveted, doing away with constant annoyance from the use of bolts.

Be sure you get our prices.

Climax Road Machine Co., Hamilton, Can.

THE IMPERIAL PORTLAND CEMENT CO.
LIMITED
OWEN SOUND, ONT.
The Only Makers of the Celebrated IMPERIAL and the Makers of ONLY that One Brand and Quality of
PORTLAND CEMENT

Portland Cements

Highest Grade
Canadian, German, English and Belgian
DRAIN PIPES and Connections of all kinds.
PAVING BRICKS, ENAMELLED BRICKS,
FIRE BRICKS, FIRE CLAY, Etc., Etc.

F. HYDE & CO.,
31 Wellington Street - - MONTREAL

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M. Can. Soc. C.E. M. Am. Soc. C.E.
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WATERWORKS, SEWERAGE WORKS, GAS WORKS, ELECTRIC LIGHT AND POWER PLANTS

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103 BAY STREET - TORONTO

R. E. SPEAKMAN, C.E.

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Waterworks, Sewerage and Sewage Disposal.
Municipal Improvements.
Granolithic Pavements.
Electric Light Plants.
Drainage and Irrigation of Land.
Coal Handling Plant and Machinery.
Plans, Specifications and Estimates.
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Industrial Plants. Waterworks.
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Steam Plants, Gas Power Plants, Water Power Plants.
Estimates. Tests. Reports. Valuations.

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Anti-Friction Metal

The Babbitt Metal that has become famous.

Syracuse Smelting Works, Montreal.

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MANUFACTURERS OF

ASPHALT BLOCK PAVING

Information and samples furnished municipalities on application.

Main Office : WINDSOR, ONT. Works : WALKERVILLE, ONT.

THE CANADIAN SEWER PIPE CO.

MANUFACTURERS OF

FOR

Sewers, Culverts and Water Pipes

Inverts for Brick Sewers

WRITE FOR DISCOUNTS

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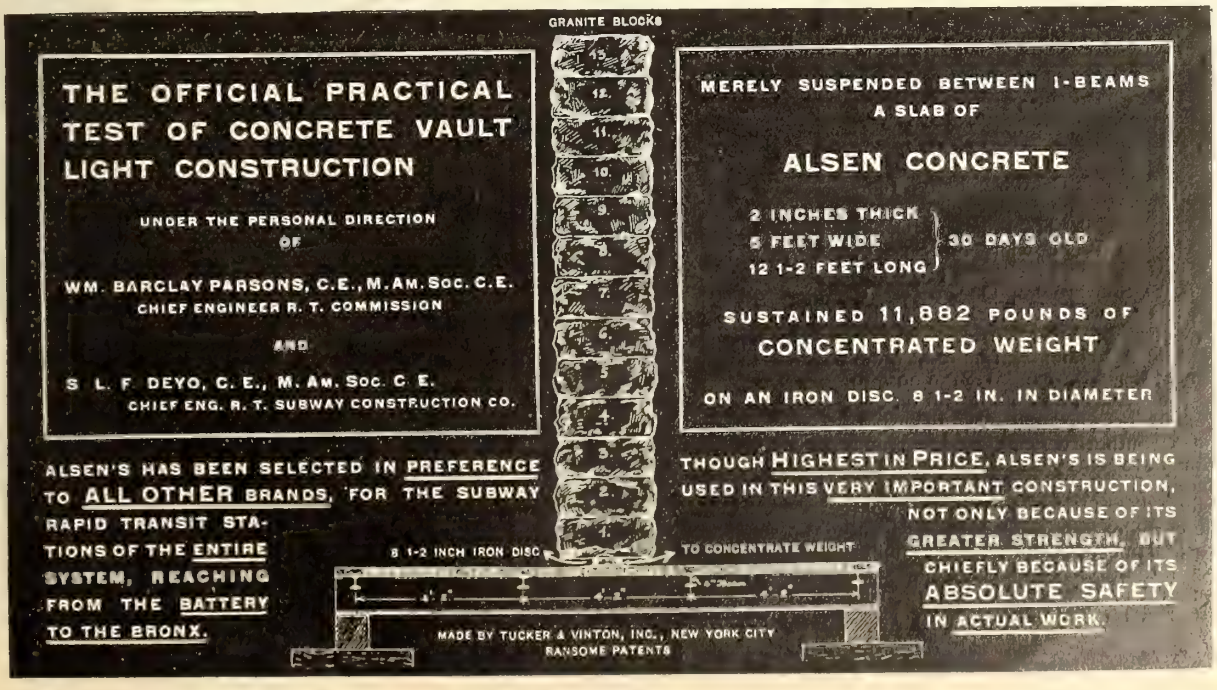
ALSEN'S, 45 Broadway, NEW YORK



H. M. Murton, William Pinkerton, and A. D. Chisholm.

Nelson River Packing Company, Limited, Selkirk, Man., incorporated, capital $40,000, to deal in fish and fish products. Directors, John K. McKenzie, of Selkirk; Charles H. Newton, of Winnipeg, and others.

Nicola Valley Coal and Coke Company, Limited, St. Catharines, Ont., incorporated, capital $1,000,000, to manufacture and mine coke, etc. Directors, E. A. Jukes, of Toronto; W. C. McNamara, H. E. Larkin, F. N. Hara and W. D. Woodruff, of St. Catharines.

Smith, Carter & Smith, Limited, Montreal, incorporated, capital $20,000, to manufacture blinds, curtains, etc. Directors, S. A. Martel, T. H. Carter and others.

Commercial Rubber Company, Limited, Montreal, incorporated, capital $20,000, to manufacture rubber boots and shoes, etc. Directors, K. J. Beardwood, R. D. McGibbon and others.

McLennan Timber Lands & Lumber Company, Quebec, incorporated, capital $50,000, to deal in timber lands, develop water powers, etc. Directors, John McLennan, of Syracuse, N. Y.; A. J. Price, of Notre Dame de Quebec, and others.

British-Canadian Supply Company, Limited, Montreal, incorporated, capital $50,000, to carry on a general supply and contracting business in rll kinds of material. Directors, Joseph W. Harris, Watson Jack, R. C. Smith, W. B. Powell and R. C. Grant.

Restigouche Woodworking Company, Limited, Dalhonsie, N. B., seeking incorporation, capital $50,000, to carry on a general lnmbering and wood mannfacturing business. Applicants, W. S. Montgomery, George E. Mercier, R. Y. Blackhall and A. J. Leblanc, of Dalhousie, and others.

Port Nelson Canning and Salting Company, Limited, incorporated at Victoria, B. C., capital $30,000.

British Columbia Wire and Nail Company, Vancouver, B. C., incorporated, capital $50,000. President, S. Weaver; managing director, E. Easthope. It is the intention to manufacture several varieties of nails.

Wool & Cotton Drysalters Company, Limited, Montreal, incorporated, capital $49,000, to manufacture and deal in all kinds of chemicals, dye-stuffs, etc. Directors, Watson Jack, W. F. B. Henry, A. W. Hooper, W. R. Allen and Thomas Crawford.

Dominion Cement Block Machine Company, Limited, Ottawa, Ont., incorporated, capital $100,000. Directors, C. A. Irvin, H. P. Fleming, C. E. B. Adams, James H. Hall, all of Toronto, and C. H. Hutchins, of Ottawa.

Dominion Camp Equipment Company, Limited, Montreal, incorporated, capital $20,000, to manufacture and deal in stationary and movable ranges, waterproof clothing, hardware, etc. Directors, D. W. Lockerby, A. H. Scott, John Macombe, A. M. Wovenden and C. A. Lockerby.

Hill Crest Coal & Coke Company, Limited, Montreal, incorporated, capital $500,000. Directors, R. H. Pope, of Cookshire; George W. Fowler, of Sussex, N. B.; M. P. Davis, of Ottawa; William Farewell, of Sherbrooke, Que.; R. A. Pringle, of Cornwall, Ont., and Charles P. Hill, of Frank, Alberta.

Grosvenor Apartments, Limited, Montreal, incorporated, capital $150,000, to acquire property, erect buildings, etc.

Gillies Bros., Limited, of Braeside, Ont., ask authority from the Dominion Government to carry on lumbering and pulp manufacturing and to deal in and manufacture marble, slate, cement, brick, calcium carbide, etc.; also to construct wharves, flames, bridges and similar works and to develop water powers.

Diamond Dry Powder Fire Extinguisher Company, Limited, Toronto, incorporated, capital $40,000. Directors, G. R. Simpson, W. D. Earngey and others.

Pioneer Mining Company, a corporation incorporated under the laws of Arizona, has been granted a license to transact business in Ontario. George H. Draper, of Rat Portage, is attorney.

Plating & Specialty Company, Limited, Brantford, Ont., incorporated; capital $40,000. Directors, George W. Markle, C. J. Farr and F. Munro.

Library Supply Company, Limited, Toronto, incorporated, capital $40,000. Directors, George Kelly, Henry Doran, and others.

Rodney Casket Company, Limited, Rodney, Ont., incorporated, capital $35,000, to manufacture caskets and other woodenware. Directors, W. N. Lusty, A. J. Liebner, D. J. Harris and James Ralph.

Richelieu Construction Company, Limited, Toronto, incorporated, capital $200,000, to carry on business as contractors. Directors, J. W. McDonald, R. L. Brackin, and others.

Defiance Iron Works Company, Limited, Chatham, Ont., incorporated, capital $60,000. Directors, W. S. Marshall, M. P. Sheldon and G. W. Foot, of Chatham, and others.

Prices of Building Materials.

PRESSED BRICK, Per M.

MILTON PRESSED BRICK AND SEWER PIPE CO.

	F.O.B. Milton, Ont.	F.O.B Montreal
Red No. 1	Please write to head office, Milton, Ont., for catalogue and prices.	$18 00
" 2		16 00
" 3		14 00
Buff No. 1		20 00
" 2		18 50
Brown		25 50
Roman Red		30 50
" Buff		33 50
" Brown		40 50
Hard Building		12 00
" Sewers		12 00
" Backing		11 50

DON VALLEY PRESSED BRICK WORKS.

Nos. 1, 2 and 3, Red Pressed Bricks	Please write to head office 34 Toronto St. Toronto for catalogue and prices.
Nos. 1 and 2 Buff Pressed Brick	
No. 1 Brown Pressed Brick	
Pompeiian Red, Buff and Brown Pressed Bricks	
Ornamental Bricks of all kinds for Mantel purposes	
Porous Terra Cotta Fireproofing of all Descriptions	
Vitrified Street-Paving Bricks	
Semi-Vitrified Foundation Bricks	
Common Stock Red and Grey Bricks	
Sewer Bricks	
Stone or Macadamized Roadways	

(Coninued on page 14.)

JOHN GALT, C.E.&M.E.
MEM. CAN. SOC. C.E. AND C.E.A., ETC.
CONSULTING ENGINEER and EXPERT
National Trust Building
20 King Street East Toronto
Specialties—Water Supply and Sewerage.

PORTLAND CEMENT
SAMSON BRAND *MAGNET BRAND*
MANUFACTURED BY
THE OWEN SOUND PORTLAND CEMENT COMPANY, LIMITED,
Owen Sound, Ont.
Works at SHALLOW LAKE, ONT. Write us for prices

McGREGOR & McINTYRE, LIMITED
67 to 91 Pearl Street, Toronto, Ont.
STRUCTURAL IRON WORKS
Fire Escapes, Library Racks, Sidewalk Door, Jail Cells, Iron Stairs, Railings, Etc., Etc.
SOLE AGENTS FOR DUPLEX HANGERS WRITE FOR ESTIMATES.

Portland Cement...
HIGH GRADE GERMAN BRANDS FOR GRANOLITHIC AND ARTIFICIAL STONE SIDEWALKS.
Sewer Pipes, Culvert Pipes, &c. Best English Cements. Best Belgian Cements
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FURNISH BONDS OF
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A. E. KIRKPATRICK, Manager for Canada.
6 COLBORNE STREET, - TORONTO, ONT.

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SEWER PIPES
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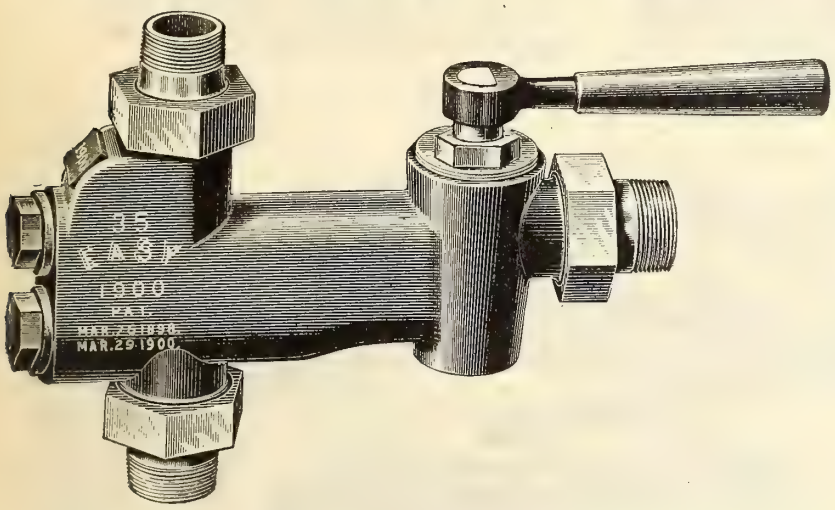
FIRE CLAY
ALEX. BREMNER
50 Bleury Street, MONTREAL

"EASY" INJECTOR

A DOUBLE TUBE MACHINE AT SINGLE TUBE PRICE



Simple in Construction

No Moving Parts

No Complicated Valves

Not Restricted by Temperature

The Most Simple and Efficient Injector on the Market.

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CANADA FOUNDRY COMPANY LIMITED

Head Office and Works: TORONTO, ONT.

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Montreal Pipe Foundry Co., Limited

Special Castings
Flange Pipe
Branches
Hydrants
Valves

CAST IRON PIPE

Valve Boxes and general Water Works Supplies

Works at: LACHINE, QUE. THREE RIVERS, QUE LONDONDERRY, N. S.

Combined daily capacity: 175 Tons Pipes and Castings.

HEAD OFFICE CANADA LIFE BUILDING. MONTREAL

JAMES. THOMSON, President. J. G. ALLAN, Vice-President. JAMES. A. THOMSON, Secretary. JOHN GARTSHORE, Treasurer.

THE GARTSHORE-THOMSON PIPE & FOUNDRY CO.

LIMITED.

Manufacturers of

Flexible and Flange Pipe, Special Castings and all kinds of Waterworks Supplies

CAST IRON PIPE

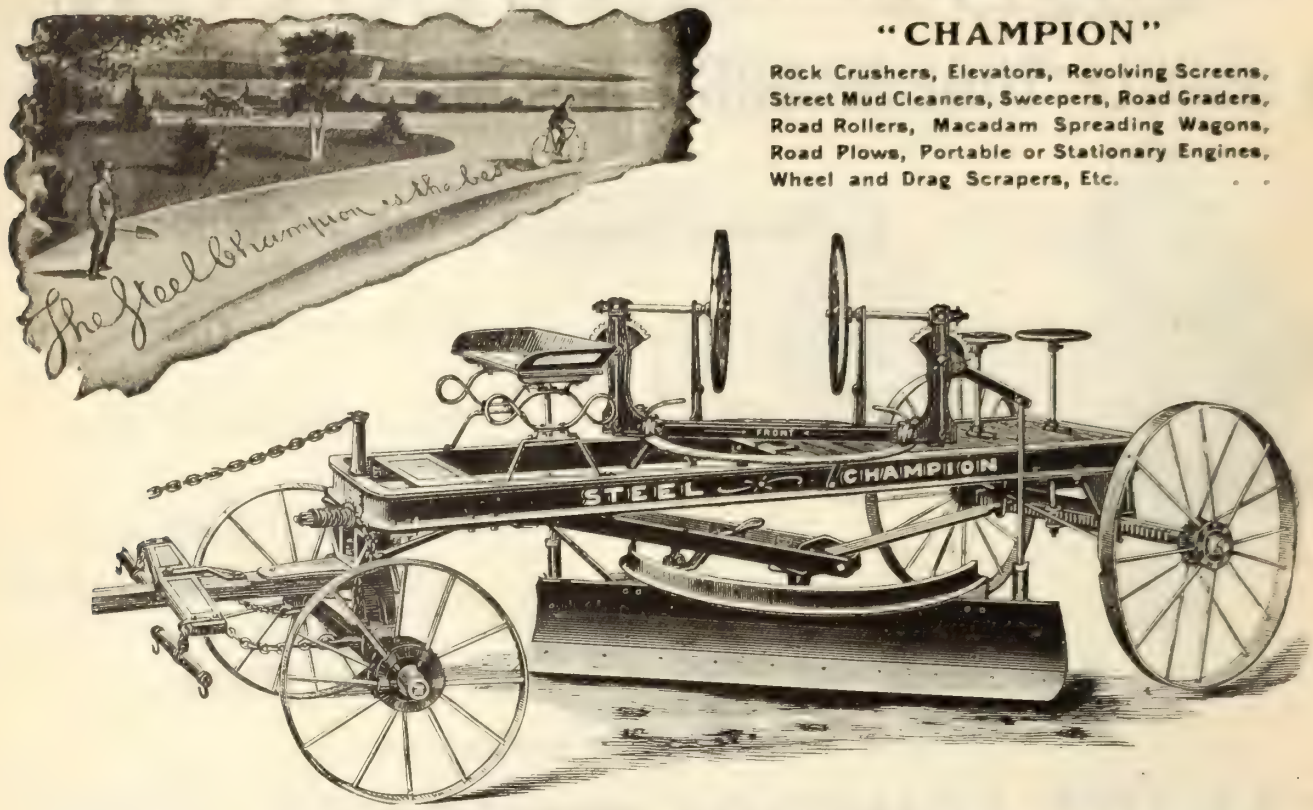
3 inches to 60 inches diameter.

For Water, Gas, Culvert and Sewer

HAMILTON, ONT

THE GOOD ROADS MACHINERY COMPANY, LIMITED, Hamilton, Canada

The Steel "CHAMPION" Reversible Road Machine The Simplest, Strongest and Best. Don't it look it? Built for service. A strictly High-Grade Road Machine.



"CHAMPION"

Rock Crushers, Elevators, Revolving Screens, Street Mud Cleaners, Sweepers, Road Graders, Road Rollers, Macadam Spreading Wagons, Road Plows, Portable or Stationary Engines, Wheel and Drag Scrapers, Etc.

The Steel "CHAMPION" is the King of Graders.

All mechanics agree that the simpler the machine the more valuable it is. In complicated machines look out for trouble and expense

Send for latest printed matter and our 1905 Calendar to

Good Roads Machinery Company, Limited,

JOHN CHALLEN, President and General Manager.

Address—Late Killey Beckett Works, 144 York Street, HAMILTON, ONT.

Prices of Building Material

(Continued from page 12.)

TORONTO PRESSED BRICK AND TERRA COTTA WORKS

	F.O.B. Milton, Ont.	F.O.B. Montreal.
Red No. 1	12 50	18 00
" 2	10 50	16 00
" 3	8 50	14 00
Buff No. 1	15 00	20 00
" 2	13 00	18 50
Brown	20 00	25 50
Roman Red	30 00	30 50
" Buff	30 00	33 50
" Brown	35 00	40 50
Hard Building	6 50	12 00
" Sewers	6 50	12 00
" Backing	6 00	11 50

Moulded and Ornamental from $2.00 to $5.00 per 100.
Terra Cotta String Courses and Frieze, from 50c. to $2.00 per ft. run.
Roofing Tiles, $20.00 per 1,000, $23.00 Montrea

BEAMSVILLE BRICK AND TERRA COTTA CO.

	F.O.B. Beamsville.	F.O.B. Montreal.
Red Peerless Facing	$16 00	$21 50
" No. 1	14 00	19 50
" No. 2	12 00	17 50
" No. 3	10 50	15 00
Brown Peerless Facing	20 00	25 50
" No. 1	18 00	23 50
Buff Peerless	20 00	25 50
" No. 1	18 00	23 50
" No. 2	15 00	20 50

Moulded and Ornamental Brick from $3 to $10 per C:

Roman Red (Size 12 x 4 x 1½ in.)	30 00	35 50
" Buff " "	30 00	35 50
" Brown " "	34 00	39 50
Vitrified Paving Brick No. 1	18 00	23 50
" " " No. 2	15 00	20 50
Sewer	8 00	13 50
Roofing Tile	22 00	20 00

FIRE BRICK

TORONTO POTTERY CO.

	F. O. B. Toronto Car lots	Less
Boyd	20 00 M.	25 00 M.
W. W. Co.	22 50 M.	27 50 M.
Savage Crown	28 50 M.	32 00 M.
Ramsay		30 00 M.

STONE.	Toronto.	Montrea
Common Rubble, per toise, delivered at building	13 50	11 00
Large flat Rubble, per toise, delivered	14 00	18 00
Foundation Blocks, per c. ft.	40	50
Granite (Stanstead) Ashlar, 6 in. to 12 in., rise 9 in., per ft.		25
Amherst Red Sandstone Amherst, N.S., per cub. ft. on cars at quarry 40c . . at quarry		40
Sackville, N.B., brown or red stone f. o. b. Quarries	45	45
Masillon	30	40
Myers-Northport Red or River Philip Gray Sandstones f.o.b. per cubic foot	75	65
Stanstead granite paving blocks, 8 in. to 12 in. x6 in. x4½ in. per M		50 00
Granite curbing stone, 6x 20 in. per lineal foot		70
Buctouche Olive Freestone	85	65
Olive Sandstone (Indiantown, N. B)	80	70
Brown Sandstone (Sackville, N. B.	80	70
Moat red sandstone, per cu. ft.		60
Black Pasture buff stone per cu. ft.		50
Hagersville Crushed Stone per ton	1 25	
Nova Scotia blue grey, per cu. ft.		65
Coursers, 6 to 8 in. f. o. b. St. Mary's. per cord		7 00
Footing, 6 to 10 in. per cubic ft.		15
Dimension Stone, f. o. b. St. Mary's, per cubic foot		35
Granite (Laurentian Pink) Ashlar, 6 to 12 in., rise 9 in., per c ft.		25
Dimension Stock Granite, (Laurentian Pink) for building purposes, per c. ft., f.o.b. quarries		40
Do., for polishing purposes, up to 2 tons weight, per cubic foot		70
	F.O.B. Halifax	
Dimension stock granite for building purposes, per cu. ft.		40
Do., for polishing purposes, up to 2 tons weight, per cubic ft.		1 00
Paving sets, per thousand block		60 00

CREDIT VALLEY STONE.

	F.O.B. Quarries.
Rubble, per ton	60
Brown Coursing, up to 10 per sup. yard	1 75
Brown dimension, per cub.	70
Grey coursing, per sup. yard	1 25
Grey dimension, per cub. ft.	40

ROMAN STONE. F. O. B. Factory.

6" x 3" Sills, tooled seated and throated 35c. per lineal foot
Window Heads and Ashlar, 40c per square foot
Window and Door Quoins tooled 40c. per superficial foot
String Courses, Molded or Ornamental, 6" to 12" rise 50c to $1 50 per lineal foot
Hollow wall tooled finish 14" thick 40c. per square foot

SLATE.	Toronto.	Montreal.
Roofing (per square).		
red	20 00	20 00
purple	9 00	12 00
unfading green	10 00	11 00
black	9 00	9 00
Terra Cotta Tile, per sq	23 00	25 0
Ornamental Black Slate Roofing		77 3

PORTLAND CEMENT

(CARLOADS.)

Canadian (Packages, 350 lbs. net.):	Toronto.		Montreal	
Rathbun's Star	1 70	2 00	1 80	2 00
Trowel			1 85	1 95
Samson	1 75	1 85		
Magnet	1 55	1 65		
Monarch	1 80	1 90	1 90	2 00
Hercules	1 75	1 75		
Imperial		1 80		
Crescent 375 lbs. gross	2 30	2 40	1 95	2 05
Diamond 350 " "	2 20	2 30	1 85	1 95
"Giant" Brantford	1 75	2 00	2 00	2 50
American (in Bags):				
"Helderberg"			1 90	2 00
Alsen				2 25
Lehigh, in bbls., 375 lbs.		2 35	2 10	2 20
" cotton sacks, 350 net		2 00		2 00
" paper bags		2 10		1 85
"Iron Clad" in bags 350 lbs.			1 80	1 90
"Invicta" " " "			1 65	1 70
"Adirondack" " " "			1 50	1 65
Vulcanite (The Toronto Pottery Co., Limited. Toronto) 350 lbs. per bbl.				
In paper bags		1 80		
" wooden bbls		2 00		
" cotton bags		2 10		
English in Barrels):				
Brooks Shoobridge Anchor	2 35	2 40	2 00	2 10
Belgian (in Barrels):				
"Josson"	2 60	2 70	2 20	2 30
"North's Condor	2 05	2 10	2 25	2 30
"White Cross"	1 90	2 00	1 75	1 80
Hammer			1 80	1 90
White Star	2 15	2 25	1 90	2 00
Samson			1 80	1 90
German (in Barrels):				
Offenbacher				2 35
Alsen	2 65	2 95		2 40
Dyckerhoff	2 65	2 75		2 40
Hercules	2 25	2 35		2 15
Keene's Superfine "Whites"	10 00	12 00	8 50	9 00
Keene's Coarse "Whites"	6 50	7 00	4 50	5 00
Fire Bricks, Newcastle, per M	27 00	32 00	18 00	23 00
" Scotch "	28 00	33 00	19 00	23 00
Plaster Calcined N.B.		1 70		1 60

CORRECTED UP TO FEBRUARY 7TH.

CANADIAN

Contract Record

A Weekly Journal of Public Works, Tenders, Advance Information and Municipal Progress

This Paper Reaches Every Week the Town and City Clerks, Town and City Engineers, County Clerks and County Engineers, Purchasers of Municipal Debentures and Leading Contractors in All Lines Throughout Canada

VOL. 15. TORONTO, MONTREAL, WINNIPEG, FEBRUARY 15, 1905 No. 53

THE CANADIAN CONTRACT RECORD
PUBLISHED EVERY WEDNESDAY
As an Intermediate Edition of the Canadian Architect and Builder.

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of Toronto, Limited,
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Telephone Main 2299.
720-721 Union Bank Building, Winnipeg.
22 Great St. Helen's, London, England.

Subscribers who may change their address should give prompt notice of same. In doing so give both old and new address. Notify the publishers of any irregularity in delivery of papers.

Wanted — By party in Toronto, who has good connection with the building trade, lines to handle on commission. Best of references furnished. Box 69, CONTRACT RECORD, Toronto, Ont.

TENDERS FOR DREDGING AND FOUR BRIDGES

Sealed enders will be received by the undersigned until 2 O'CLOCK P.M. on THURSDAY, FEBRUARY 23RD, 1905, for dredging about 3½ miles in the Rivard Drain, in the Township of Dover, County of Kent. Also for building two steel and two wooden bridges over said drain.

Plans and specifications can be seen at the office of A. McDonell, civil engineer, in the city of Chatham.

The lowest or any tender not necessarily accepted.

Tenders to be marked "Tenders for Dredging, and for Bridges" respectively.

H. N. BECHARD,
Commissioner,
Dover South P.O.

TENDERS FOR SUPPLY OF WATER PIPE

Sealed tenders, addressed to the Chairman of the Fire, Water & Light Committee, for the supply of approximately 1750 tons of water pipe and specials of various sizes will be received at the office of the undersigned up to 3.30 p. m. on MONDAY, APRIL 10TH, 1905.

Specifications and forms of tender may be obtained at the office of H. N. Ruttan, City Engineer, Winnipeg, Canada.

Each tender must be accompanied by an accepted cheque, draft, or cash deposit for the sum called for in the form of tender supplied, which will be subject to forfeiture in case of failure on the part of the contractor to enter into a written contract with approved sureties if called upon to do so.

The city reserves the right to reject any or all tenders, or to accept any bid which appears advantageous to the City of Winnipeg.

C. J. BROWN,
City Clerk.

ity Clerk's Office, Winnipeg, Feb. 4th, 1905.

Wanted — A Competent Draughtsman for Architect's Office; one capable of taking entire charge during proprietor's absence. State salary wanted and give idea of previous experience. Address Box 67, CONTRACT RECORD, Toronto, Ont.

TENDERS

for Cement Sidewalks, Cement Kerb and Gutters and Concrete and Glazed Tile will be received at this office up to

THURSDAY, FEBRUARY 23rd,
at 5 o'clock.

A. O. GRAYDON,
City Engineer,
London, Ont.

TENDERS

Bulk or Separate Tenders will be received by the undersigned up till o'clock p. m. of SATURDAY, MARCH 4, 1905 for the various trades required in the erection of a

Collegiate Institute Building, Galt, Ont.

Plans and specifications may be seen and information obtained from the Secretary at Galt, Ont., or at the offices of the Architects, Stewart & Witton, Hamilton, Ont.

The lowest or any tender not necessarily accepted.

THOMAS CARSCADDEN,
Secretary, Galt, Ont.

Tenders for Sewers and Waterworks

Sealed tenders addressed to M. W. Flannery, Town Clerk, will be received by the Corporation of the Town of North Bay, Ontario, until 12 o'clock noon of MARCH 20th, 1905, for the various works in connection with

1.—Change of the source of the water supply.
2.—Installation of a system of sewers and their appurtenances.

The system of waterworks comprises the following :—

(A) Laying 15,000 feet of 10" cast iron delivery pipe, with necessary valves, etc., with 330 feet of 12" intake pipe.
(B) New pumping station of brick 60' x 24', and Engineer's dwelling of brick veneer.
(C) Supply and erection of 75 H. P. Boiler.
(D) Steel stack 30" diameter, 60 feet high.
(E) Removal and re-erection of present plant.

The system of sewers comprises the following :—

(A) Supplying and laying 20,000 feet of 8"-10"-12" sewer pipe with manholes, flush tanks, etc.
(B) Construction of two Septic Tanks of concrete, each 100' x 40'.

The corporation do not bind themselves to accept the lowest or any tender, and reserve the right to award the whole or any portion of the contract according to the various sections into which the tender is divided.

Plans and specifications can be seen, and all information obtained at the office of the Town Engineer, L. O. Clarke.

A marked cheque equal to 5% of the amount of the tender must accompany every bid.

M. W. FLANNERY, Town Clerk.

TENDERS WANTED

For the construction of a Presbyterian Church at Regina. Tenders will be received up to JANUARY THE 25TH, 1905. Lowest or any tender not necessarily accepted. Plans and specifications can be seen at the office of the undersigned, to whom tenders must be addressed.

P. McARA,
Regina, N.W.T.

TENDERS FOR CHURCH

Tenders will be received by the Rev. D. M. Twomey, of Belleville, Ont., up to MONDAY, MARCH 6TH, NEXT, for the several trades work required in the reconstruction of St. Michael's Church at Belleville, Ont.

Plans and specifications may be seen at St. Michael's Presbytery, Belleville, and at the office of the architect, Kingston, Ont.

The lowest or any tender not necessarily accepted.

H. P. SMITH, Architect,
Anchor Building, Kingston, Ont.

TENDERS FOR PORTLAND CEMENT.

Sealed tenders addressed "S. R. Armstrong, Town Clerk, Peterborough, Ont.," and endorsed "Tenders for Cement," will be received up to MARCH 15TH, 1905, for supplying 3500 barrels more or less of Portland Cement. Tenderers will state whether cement is packed in sacks or barrels, net weight per sack or barrel, and price f. o. b. Peterborough. Sample tests will be made from consignments before acceptance. Delivery to ommence not later than May 2nd, 1905. A marked cheque for an amount equal to 5 per cent. of total contract must accompany each tender The lowest or any tender not necessarily accepted.

S. R. ARMSTRONG,
Town Clerk.

CITY OF WINNIPEG

TENDERS FOR GONDOLA HOPPER CARS.

Sealed tenders, addressed to the Chairman of the Committee on Works, for the supply of five gondola hopper cars, will be received at the office of the undersigned up to 8.30 p. m. on TUESDAY, FEBRUARY 28TH, 1905.

DESCRIPTION.

Capacity, cubic feet 800, capacity load, lbs. 80,000, size, about 8x30 ft. Box arranged so that it can be increased in height to capacity of 1,400 cubic feet. Cars to be strictly self-discharging of broken stone and coal, and to be fitted with air brakes complete.

Plans and specifications of cars to be submitted with bids. Date of delivery not later than the 1st of May next.

Each tender must be accompanied by an accepted cheque or cash deposit for $1,000, which will be subject to forfeiture in case of failure to enter into a written contract with approved sureties if called upon to do so.

The city reserves the right to reject any or all tenders or to accept any bid which appears advantageous to the City of Winnipeg.

C. J. BROWN,
City Clerk

City Clerk's Office, Winnipeg, February 9th 1905.

CONTRACTS OPEN.

NEWMARKET, ONT. — J. A. Collins intends building a brick residence.

WEYBURN, N. W. T.—J. A. Mitchell purposes building a large warehouse.

BRIDGEBURG, ONT.—E. E. Hart intends building a fine business block this year.

DUNDALK, ONT. — It is proposed to install meters on the electric light service.

OSHAWA, ONT.—It is proposed to install a large pump for the waterworks system.

WOLFVILLE, N. S. — The Baptists contemplate the erection of a new stone church.

AMHERST, N.S.—Dunlap Bros. & Co. intend building a brick warehouse this spring.

DAVISVILLE, ONT.-Robert Drewry purposes building another residence on Balliol street.

COBDEN, ONT.—Subscriptions are being taken for the erection of a new Methodist church.

PEMBROKE, ONT. — The County Council have appointed a committee to dispose of $15,000 of bonds.

SELKIRK, MAN.—It is understood that the Lutheran congregation contemplate building a new church.

MOOSOMIN, N.W.T. — It is expected to commence work in the spring on a new hospital building.

FORT WILLIAM, ONT. — Fowler & Co., soap manufacturers, Chicago, have purchased a factory site here.

VICTORIA, B.C.—The new school to be built in Victoria West will be two stories, 8 rooms, cost about $30,000.

RAINY RIVER, ONT.—It is stated that the Red Cliff Lumber Co., of Duluth, purpose building a large saw mill here.

MAPLE CREEK, N.W.T. — The Council intend this summer sinking a well for gas and water, at a cost of $8,000.

NORTH BAY, ONT.—A. G. Browning will receive bids up to February 28th for purchase of $14,250 5 per cent. debentures.

BOWMANVILLE, ONT.—John McKay & Co. purpose building a large grist mill here to replace the one burned about a year ago.

GRIMSBY, ONT. — The Village Council are applying to the Ontario Legislature for authority to raise $40,000 for waterworks.

PORT ARTHUR, ONT.—The plans for the new general hospital are expected to be completed this week; estimated cost, $50,000.

EDMONTON, N.W.T.—The Merchants Bank have purchased the Massey Harris property on King street on which to erect a bank.

THOROLD, ONT. — The Council have appointed a committee to consult engineers as to the best waterworks system for the town.

TORONTO JUNCTION, ONT. — The abattoir company which is being organized here proposes to erect a building costing $100,000.

TIVERTON, ONT.—Sylvester Carleton, Box 100, is asking for tenders by March 4th for the construction of a school house for S. S. No. 10.

BRANTFORD, ONT. — George W. Hall, architect, is asking for tenders up to 25th inst. for erection of a brick block in the village of Burford.

LISTOWEL, ONT.—It is proposed to modify the present plans for a new library building with the object of keeping the cost within $6,000.

LEAMINGTON, ONT. — The Methodists will at once begin the erection of a new church to replace the one destroyed by fire recently.

GIBSON, N. B.—J. Gregory, K. C., and other local capitalists have formed a company for the purpose of establishing a woodworking factory here.

GALT, ONT. — The City Engineer has recommended that the construction of the proposed sewers on Colborne and King streets be done by day labor.

ACTON, ONT.—Henderson & Co. are negotiating for the rebuilding of the Glasgow House.—A new G. T. R. station will be built here the coming summer.

ROCKLAND, ONT.—Dr. M. Powers invites tenders up to 16th inst. for erection of a High school in this village. Plans by Northwood & Noffke, of Ottawa.

PORTAGE LA PRAIRIE, MAN.—R. P. Campbell announces that he will immediately rebuild his block on Saskatchewan ave. which was burned last week.

SMITH'S FALLS, ONT. — Earl Lockwood has purchased the old fair grounds near this place and intends building a brick house thereon in the spring.

GALT, ONT.—The Hamilton, Galt and Berlin Railway Co. have applied to the Dominion Government for permission to construct branch lines to Guelph and Hespeler.

ALMONTE, ONT.—A special congregational meeting of St. Andrew's church will be held in the near future to consider the erection of a new Sunday school building.

BROCKVILLE, ONT. — Thomas Cavan, of Mallorytown, has purchased a lot on corner of Pine and Bethune streets, this city, on which he will erect a brick residence.

NANAIMO, B. C. — Parr & Fee, architects, Vancouver, have been commissioned to remodel the Green block in this town, which was recently purchased by Joseph Fox.

CHATHAM, ONT.—J. L. Wilson & Son, architects, are preparing plans for a new residence for Mrs. Begulet, of Tilbury, and for a new church in Delmer, Oxford County.

CARBERRY, MAN.—H. R. Cooper, solicitor, will receive bids up to February 27th for purchase of $5,000 of debentures issued for the purpose of erecting a new school.

BELLEVILLE, ONT. — The Belleville Hardware Co. will add two stories to their factory.—Plans have been prepared for six or eight new residences to be built in the spring.

SYDNEY, N.S. — The City Council have decided to grant a bonus of $10,000 to the Sydney Cement Works Co., who are about to establish works here with an output of 500 barrels per day.

BERLIN, ONT.—Tenders are invited by A. Bricker, Chairman Building Committee, up to February 20th, for carpenter and mason work of proposed Trinity Methodist church in this town.

GANANOQUE, ONT. — W. T. Sampson has submitted to the Town Council a proposition to establish bolt works here. He agrees to erect and equip a building costing $30,000.

PETROLIA, ONT.—The Dominion Government has been petitioned to permit the Canadian Pacific Railway to build a railway from Komoka through this town to a point on the St. Clair river.

MILVERTON, ONT.—The by-law to grant a free site to Mr. Grosh and his associates to establish a shoe factory here was carried by a large majority. Building operations will be commenced at once.

MOOSOMIN, N.W.T.—The Town Council will issue debentures for the following public improvements: New town hall, $20,000; fire protection, $7,000; drainage, $8,000; granolithic walks, $5,000.

KINGSTON, ONT.—The Bell Telephone Co. will take steps immediately to erect a new telephone exchange in this city, at an estimated cost of $30,000. It will be two stories with pressed brick front.

OAKVILLE, MAN. — Tenders for erection of a two room brick veneer school with basement will be received by W. H. Burns up to March 1st. Plans at the office of D. McCowan, Portage la Prairie.

LUCKNOW, ONT. — Alex. Gollan, Box 112, will receive tenders up to February 25th for building a new Presbyterian church in South Kinloss. Plans at the office of Thomas Lawrence, this place.

OWEN SOUND, ONT. — The Imperial Cement Co. have decided to change their system of manufacture to the wet or slurry process and to increase the output of their factory, at an estimated cost of $35,000.

BEAVERTON, ONT. — Joseph Hodgson, of Point Mara, has purchased the old school property on John street and intends converting the building into two dwellings and erecting a third dwelling on the same lot.

WATERLOO, ONT. — H. C. McBride, architect, London, has prepared plans for new Trinity Methodist church to be built this summer on Frederick street, to be cut stone and red brick, 68 × 90 feet, with two towers.

BARRIE, ONT.—The County Council have appointed a committee to examine the bridge over the Mud river at Glencairn and that over the Nottawasaga river at Van Vlack and report as to the necessity of new structures.

BRIDGEWATER, ONT.—The Bay of Quinte Railway Co. is seeking authority to construct a branch railway from this place northerly to the actinolite mines, to be commenced within two years and finished within five years.

NORTH HEAD, N.B. — The Department of Public Works, Ottawa, are asking for tenders up to Saturday, March 4th, for the construction of a breakwater and wharf at this place. Plans on application to the Postmaster.

CALGARY, N.W.T. — The Calgary Exhibition Co. will ask a grant of $5,000 from the city for the purpose of erecting additional buildings.—Mackenzie, Mann & Co. are said to be considering the construction of an electric railway here.

PRINCE ALBERT, N.W.T. — The question of constructing a waterworks system will be taken up by the Council this year.—Baker & Dangerfield, proprietors of the Royal Hotel, are preparing for extensive building operations this spring.

COLLINGWOOD, ONT.—The question of providing increased school accommodation is being considered by the Board of Education, a committee having recommended the erection of a new Collegiate Institute building. A new four-roomed school in the West Ward is also considered necessary.

WELLAND, ONT. — The Baptist congregation will build a new church on West Main street. — James S. O'Neil will receive tenders up to the 22nd inst. for the erection of a two-storey concrete business block on Main street east. Plans at office of George Ross, C.E.

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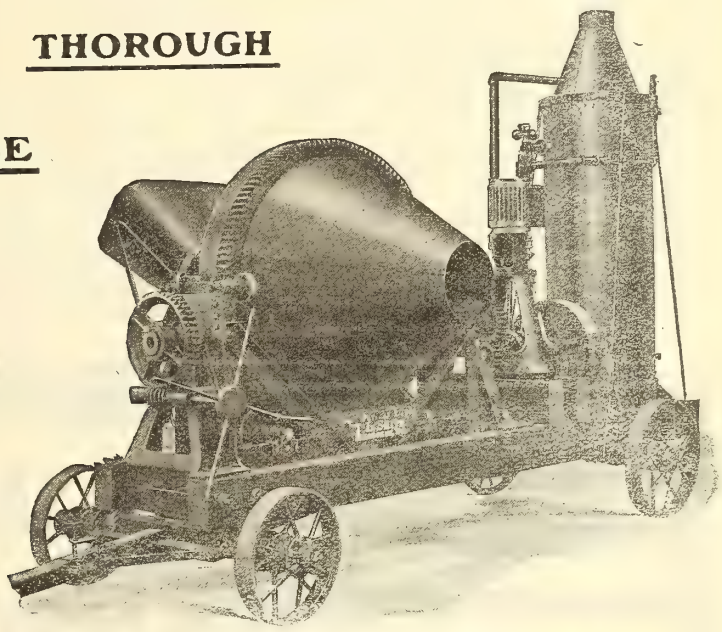

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DUNNVILLE, ONT. — The Haldimand County Council last week quashed all the proceedings of last year's Council in regard to a House of Refuge which was to be built here this spring, and it now seems probable that the building will be erected at Cayuga.

FORT WILLIAM, ONT. — A. McNaughton, Town Clerk, is this week taking tenders for construction of granolithic sidewalks.—The Council will take steps at once to purchase a hook and ladder and 500 feet of fire hose and to build a two-storey stable.

ST. CATHARINES, ONT. — The Water Commission are considering the advisability of installing meters on the entire water service. — The Board of School Trustees are in favor of building a new school for St. James and St. Patrick's Wards in the near future.

NEW LISKEARD, ONT.—A company is being formed to construct a telephone system in this town and district. Particulars from D. Stewatt.--The School Trustees have decided to at once purchase a site on which to build a new school.

WALKERVILLE, ONT.—It is announced that the Pere Marquette Railway intend to operate a new ferry system between Walkerville and Detroit and that a large slip dock will be constructed on the river front here. This dock will be reached from their present yards by a subway under the Grand Trunk tracks.

ORILLIA, ONT.—Father Moyna has not definitely decided upon the erection of a new church, as stated in a recent issue. A committee has been appointed to report upon the advisability of enlarging the present edifice, but many of the congregation are in favor of a new building, the cost of which would be about $30,000.

LONDON, ONT.—The managers of St. Andrew's church have definitely decided to erect a commodious Sunday school building. About $8,000 has been subscribed.—It is again reported that the Grand Trunk Railway will build a new station here.

VICTORIA, B. C.—J. H. Todd & Sons and William Munsie are preparing to construct a new cannery at Esquimalt.—Robert and D. C. Hutchison have decided upon the erection of a factory for the manufacture of automobiles and power launches.

DUNNVILLE, ONT.—The Grand River & Western Power Co. is applying for a Dominion charter to construct a water course and feeder at this place and a raceway northerly from the Grand river to Jordan, on Lake Ontario, for the purpose of developing electric power.

REGINA, N.W.T. — The Board of School Trustees have been authorized to borrow $11,000 for the purpose of installing steam heating, plumbing and ventilating systems in the Central school, also for building an addition to the North Ward school and for new seats.

SARNIA, ONT.—Mr. Turner, chief engineer of waterworks, has advised the installation of additional pumping capacity.—Mr. Proctor has given notice of a by-law to raise $100,000 to move the waterworks plant to Point Edward.—A. Batty has prepared plans for two stores to be built on Christina street.

FORT FRANCES, ONT. — A by-law will be submitted to the ratepayers to raise $20,000 by the issue of debentures for installing a system of fire protection and building a municipal hall. It is proposed to obtain tenders at once on steam fire engines of 600 gallons capacity, two hose wheels, 1,500 feet of hose and four tanks of 5,000 gallons each.

STRATFORD, ONT. — The City Council have passed the by-law that Downie street, from George to Shakespeare, be paved with brick and the remainder of Downie street and all Market street with asphalt block. The City Engineer will submit a further report on the advisability of constructing an asphalt block pavement on Ontario street.

HALIFAX, N.S.—N. & M. Smith purpose erecting immediately a building for the manufacture, curing and packing of all grades of fish-stuffs.—Some prominent business men have decided to organize the Shipbuilding and Investment Co. for the purpose of constructing steel ships, etc. The company have already secured a site of 50 acres on the Dartmouth side of the harbor, where the works will be established.

VANCOUVER, B. C. — During the month of January building permits were issued to the value of $118,700. — W. Blackmore, architect, has prepared plans for a two-storey brick and stone building to be erected on Water street, at a cost of $30,000.—Ross & Howard purpose building a modern machine shop on north side of Powell street, almost opposite the Europe Hotel.—Nicholls & Macaulay, acting for a client, have purchased a lot on Pender street, between Richards and Granville streets, and it is understood that the purchaser contemplates building thereon.—Dalton & Eveleigh, architects, are preparing plans for alterations and

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additions to Edward Lewis' block at corner of Hastings and Seymour streets; estimated cost, $6,000.

KINCARDINE, ONT.—The Council have appointed a special committee to enquire into the question of a sewerage system for the town.—W. J. Bruce will receive whole or separate tenders up to Saturday, 25th inst., for all trades required in the erection of a pressed brick residence on Durham street. Plans by W. E. Binning, architect, Listowel.

QUEBEC, QUE.—The Lemesurier property, corner St. Paul street and Parent square, has been purchased by George E. Amyot, who may erect a six-storey hotel thereon.—H. Dorion is about to erect a brick bu lding on Oliver street, cost $3,500.

FREDERICTON, N. B.—E. Brydone Jack, City Engineer, has submitted a report on the water supply of the city, in which he recommends the removal of the intake about 1¾ miles above its present location and the introduction of a filtering plant, the whole to cost about $76,000.

NEW WESTMINSTER, B.C.—The Dominion Government having granted $50,000 for a Dominion Exhibition here next year, it is the intention to commence work at once to provide the necessary buildings. Plans are being drawn for a new building for the manufacturers' and industrial exhibits, which will take a large part of the $50,000 grant.—It is understood that a new hotel will be built on the corner of Columbia and Sixth streets, but the name of the promoter has not been disclosed.

BRANDON, MAN.—Campbell & Campbell will commence work on a new four-storey warehouse as soon as spring opens.—J. B. Whitehead, Secretary-Treasurer, is asking for bids by noon of Wednesday, March 1st, for supply of 7,000 barrels Portland cement and 15,000 lineal feet of 8-inch vitrified sewer pipe. Specfications on application to W. H. Shillinglaw, City Engineer.—W. Nicholson Lailey, architect, has prepared plans for a business block to be built by Campbell & Campbell, four stories, 50 × 120 feet, brick on stone foundation, plate glass front.—W. H. Shillinglaw, City Engineer, has been instructed to prepare plans and specifications for an electric plant to light the streets and public buildings.

HAMILTON, ONT.—The Otis Elevator Co. have decided to double their building and plant and will next summer erect an addition costing $30,000.—The Diamond Glass Co. will resume business in their Picton street factory and will spend from $10,000 to $15,000 for furnaces, etc.—E. V. Tanner has purchased a site for a large apartment house on Barton street, near Birch ave.—A movement is on foot to build a modern theatre on Main street, east of James street. Hon. Charles D. Haines, of the Hamilton, Ancaster and Brantford Electric Railway Co., has intimated his willingness to finance the scheme. Mr. Haines is also said to have bought the charter of the Hamilton, Galt and Berlin electric railway.—Adam Zimmerman, M. P., is talking of building a block of ten houses on Sanford ave., south of Main street.

PETERBORO, ONT.—J. E. Belcher, architect, has been instructed to prepare plans for a new rectory for St. John's church, of which Rev. J. C. Davidson is rector. It will be located at corner of Sheridan and Brock streets.—S. R. Armstrong, Town Clerk, invites tenders up to March 15th for supplying 3,500 barrels of Portland cement, tenderers to state whether cement is packed in sacks or barrels, net weight and price.—The Peterboro Sanatorium Association has been formed here for the purpose of erecting a consumptive sanitarium on the Hilliard farm. Dr. Boucher is president and J. W. Bennett secretary-treasurer.—Plans have been prepared for the new Collegiate Institute building to be built in Central Park; estimated cost, $50,000.—Roland F. McWilliams is organizing a company for the manufacture of sand lime brick, the plant to cost about $25,000.—The town has for sale $92,000 of debentures.

OTTAWA, ONT.—McFarlane & Douglas purpose enlarging their galvanized iron works on Slater street.—Plans of High school to be built at Rockland, Ont., may be seen at the office of Northwood & Noffke, architects, this city. Tenders close 16th inst.—Plans of breakwater and wharf to be built at North Head, N. B., are on view at the Department of Public Works, this city. Tenders close March 4th.—John Henderson, City Clerk, invites bids up to Tuesday, 28th inst., for the installation of electric light fixtures in the Public Library building. Plans at office of E. L. Horwood, architect.—It is learned that the New

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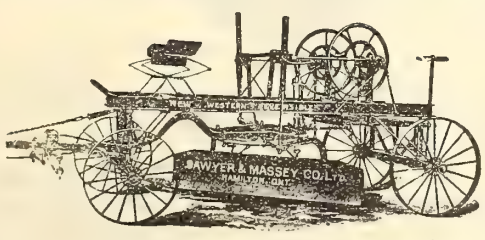

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SEND FOR CATALOGUES.

York Central Railway will commence the rebuilding of the New York and Ottawa line between Cornwall and Tupper Lake as soon as spring opens.—A civic deputation interviewed the Minister of Railways and Canals on Monday last and urged upon him the necessity of building a bridge across the canal at Somerset street.

MONTREAL, QUE. — The Police Committee have asked for $15,000 with which to build a new police station.—The Bank of Montreal have purchased a site on the corner of St. Lawrence and Sherbrooke streets on which to erect a branch banking building. They have also purchased the vacant lot on the north-west corner of Peel street and Burnside place and will likely build thereon.—The C.P.R. Telegraph Co. are perfecting plans for laying underground wires in another section, the work to begin in the spring and extend from Ste. Antoine street along Inspector and Lagauchetiere street to Windsor street.—James Ferns, Superintendent of the Fire Alarm Department, has recommended that the fire alarm office be located over the proposed No. 5 fire station, which will probably be built this year.—The old homestead of Hon. Mr. Rodier in St. Antoine street has been secured by the Dominion Government to be used as quarters for immigration officials, and arrangements are being made for the necessary alterations.—At the annual meeting of the Boys' Home last week, Superintendent Dick stated that the erection of a new building would likely be undertaken at an early date.—The Credit Foncier Franco-Canadian has purchased the property on corner of St. James street and St. Lambert Hill and will erect a ten-storey office building, at a cost of upwards of $300,000.

WINNIPEG, MAN.—C. J. Brown, City Clerk, is asking for tenders up to Friday, 24th inst., for the supply of a fire alarm bell, tenderers to give a separate price on a bell weighing 1,500 pounds and one of 2,000 pounds, with electric striker and mountings complete.—The Great West Development Co. will build a number of residences this year.—C. W. Murray, lumber dealer, will erect a new planing mill. — The Cement Building Block Co. purpose erecting a new building, and the Winnipeg Brick Co. have made extensive purchases of lots for building purposes.—The Hoovor block, corner James and Louise streets, will be purchased for a labor temple and will be remodelled at a cost of about $10,000.—The following works are to be undertaken by the city: Asphalt pavement on lane between Edmonton and Kennedy streets, from Cumberland ave. to Qu'Appelle ave., cost $8,640; sewer on Emily street and Winnipeg ave., cost $3,920, and on Lipton street, from Portage to Buell ave., cost $1,532; granolithic walk on west side of Garry street, from York to Graham ave., cost $1,345.—E. E. Devlin & Co. have purchased a warehouse site on Henry ave. running through to Fonseca and intend building a commodious warehouse in the near future.—C. J. Brown, City Clerk, is this week taking tenders for the construction of sewers.—The shareholders of the Manitoba Peat Co. elected directors last week, John Woodman being chosen secretary-treasurer. The company have secured valuable tracts of peat lands and will immediately proceed to erect their plant.—C. J. Brown, City Clerk, is asking for tenders up to Tuesday, 28th inst, for the supply of five gondola hopper cars about 8 × 30 feet in size.—Prof. Allan Hazan, sanitary engineering expert, of New York, has been appointed by the City Council to report on the waterworks and sewerage systems.

TORONTO, ONT.—The Board of Control will receive tenders up to 21st inst. for the erection of a new art gallery on the Toronto Exhibition grounds. Plans at the office of the City Architect, City Hall.—J. A. Jacobs, of 1145 King street east, has purchased a lot on corner of Gerrard street and Broadview avenue, East Toronto, on which he will build a store.—Tenders are wanted at 1251 Queen street west for the erection of three stores and dwellings at New Toronto.—The congregation of Dovercourt road Presbyterian church have decided upon the erection of a new edifice, the Presbyterian Union having agreed to assist to the extent of $5,000.—The enlarging of the present college or the erection of a new building is engaging the attention of the Council of the Ontario College of Pharmacy. A committee consisting of W. B. Graham, W. A. Karn and G. E. Gibbard will report on the question. The Bank of Hamilton have purchased the store and three adjoining houses on north-west corner of King and Dufferin streets and will likely utilize the property as a site for a bank building.—Hawes & Co, who with other French capitalists have now considerable interest in Toronto real estate, have purchased the vacant lot on corner of Spadina road and Lowther ave. and will build a fine apartment house thereon.—Samuel T. Wat-

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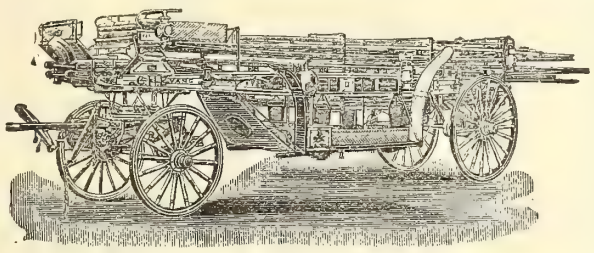

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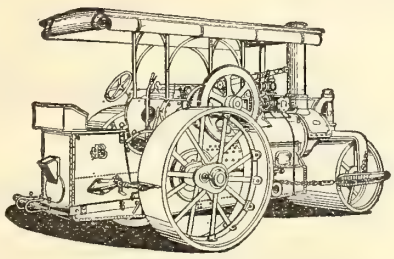

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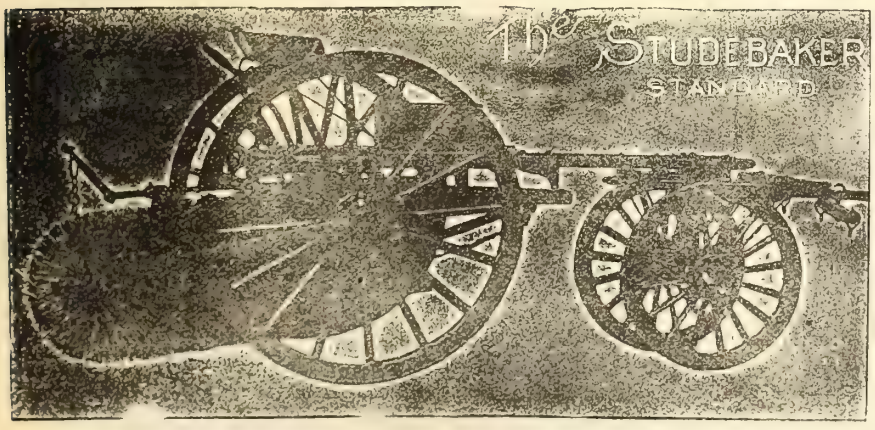

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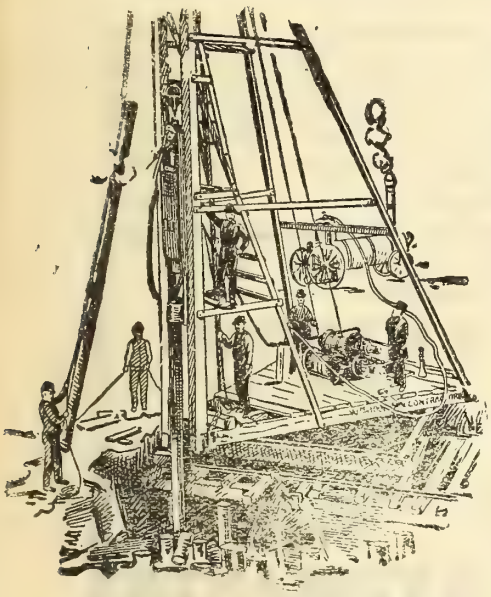

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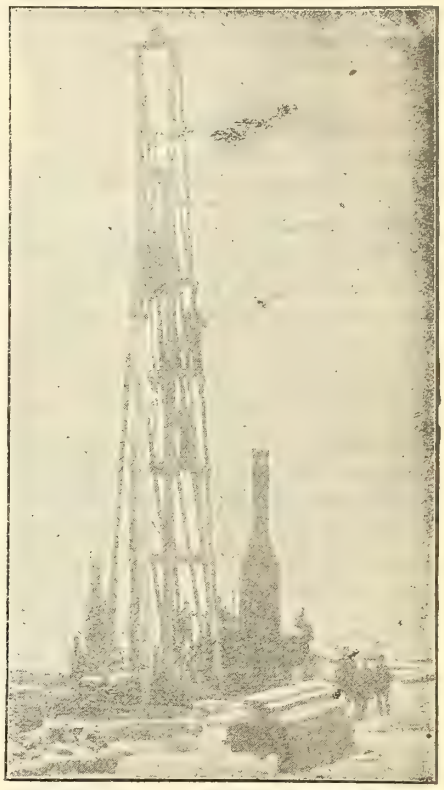

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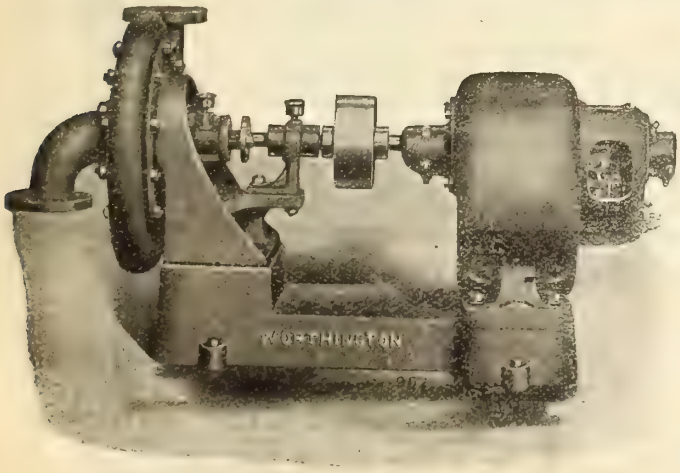

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kins purposes erecting a building costing $3,000 on a lot recently purchased from the city at corner of Royce and Perth avenues.—Tenders for repairs to asphalt pavement will be received by the Board of Control up to noon of 21st inst.—The Property Committee of the Board of Education have asked for appropriations for the following schools: New 24-room school on Phoebe street, $75,000; new school between Huron street and Palmerston ave., eight rooms, $47,000; addition to Huron street school, $15,000; addition to Cottingham street school, $12,500; enlargement and finishing at Kew Beach school, $6,000.—The Fire and Light Committee have asked for $2,700 for purchase of 3,000 feet of fire hose, $480 for two 54-foot extension ladders, and $156 for one 45-foot extension ladder.—John Poucher states that he will this year build 23 brick houses on Bain ave., in the east end.—City Architect McCallum has completed plans for the new pavilion to be built in Allan Gardens. One plan shows a building 225 feet long with two towers, the cost of which will be $200,000, while the alternative plan is for a building which can be built for $130,000. The City Architect has also submitted plans for the new Queen street fire hall, estimated to cost $20,000.—Building permits have been granted as follows: R. C. Vaughan, three two storey and attic brick and stone dwellings, east side Bathurst street, near Barton ave., cost $6,000; Joy Manufacturing Co., two storey factory, north side William ave., cost $1,500; W. J. Gage, additional brick storey to warehouse, west side Spadina ave., near King, cost $7,200 (C. J. Gibson, architect); North American Land Co., pair two storey and attic brick and stone dwellings, east side Euclid ave., near Bloor, cost $3,000 (J. A. Harvey, architect); Thos. Crittenden, pair semi-detached and one detached two storey brick dwellings, 66, 68 and 70 De Grassi street, cost $4,500.—The Automobile & Supply Co. will build a three-storey addition to their factory on Temperance street.

CONTRACTS AWARDED.

ACTON, ONT.—Residence for Mr. Holmes: J. B. Mackenzie, contractor.

BALLINAFAD, ONT.—Brick school: J. B. Mackenzie, of Acton, contractor.

TORONTO, ONT.—Construction of hydraulic dredge: Polson Iron Works, successful tenderers, $52,180.

CHATHAM, ONT.—John Piggott & Sons have signed the contract for erection of new armoury and drill hall.

VANCOUVER, B.C.—Residence for Dr. Wilson, corner Dunlevy ave. and Hastings street: Parr & Fee, architects; P. Tardiff, contractor.

PARRSBORO, N.S.—Thomas Trahey, this place, has secured a contract to build a 60-ton schooner for A. & R. Loggie, of Loggieville, N.B.

BOWMANVILLE, ONT.—Four-storey brick mill for John McKay, Limited: William Brock, contractor. The Goldie & McCulloch Co., Galt, will supply the machinery and steam plant.

VICTORIA, B.C.—The Capital City Canning Co. have awarded the contract for lumber and mill work for their proposed cannery plant building at Esquimalt to Lemon, Gonnason & Co., this city.

MONTREAL, QUE.—The Fire and Light Committee have awarded the following contracts: W. E. Seagrave, one aerial truck, with quick hoisting device, $4,975; Ledoux Carriage Company, one hook and ladder truck, $748.50; St. Lawrence Waggon Company, three hose waggons, $600 each; Theo. Trudeau, three hose sleighs, $765. The Canadian Rubber Co. were awarded the contract for 5,000 feet of "Keystone" hose at 85 cents, with couplings.

OTTAWA, ONT.—M. P. McGrath, of Easton, Pa., has been awarded the contract for the construction of a railway between Ottawa and Montreal for the Ottawa River Railway Co. The plans for the line between Hawkesbury and Montreal have been approved by the Government and this section will be built first. The intention of the company is to eventually build through to the Georgian Bay.

GODERICH, ONT.—The County Council have accepted the Sarnia Bridge Company's tenders for superstructure of Amberley bridge, $1,460; Lucknow bridge, $840; Morrisbank bridge, $1,510; McCann's bridge, $840. Contracts for abutments have been awarded as follows: Nagle & Lubey, McCann's bridge, $4.95 per cubic yard; C. Barber, Wingham, for Morrisbank bridge, $4.75, and for Lucknow bridge, $4.85.

SYDNEY, N.S.—The Dominion Iron and Steel Co. have awarded the contract for additional generators to the Canadian General Electric Co., Toronto, and for two engines to the Goldie & McCulloch Co., of Galt, Ont.—The contract for a cement plant to be established here was awarded last week to C. J. Curtin, of New York, and for machinery to the Ruggles Coles Engineering Co., also of New York. The plant will cost upwards of $200,000.

BUILDING MATERIALS.

The demand for building materials has been light owing to the cold weather and deep snow. Lumber continues firm and a further advance in the price of lath has taken place. The mills are now asking $3 to $3.15 for the standard 4 ft. No. 1 white pine variety, and $2.50 for No. 2, the retail price being about 50 cents above these figures. There has also been a corresponding advance in hemlock, spruce and basswood lath.

Cement prices are slightly firmer, most dealers having marked up their quotations about 10 cents per barrel. For carload lots f.o.b. Toronto, the price is about $1.80.

Iron pipe and iron pipe fittings are slightly lower than last week and the demand is very quiet.

M. H. Claxton has retired from the firm of Claxton, Lemmon & Lawrenson, plumbers and tinsmiths, Kingston, Ont., and the business will be continued by the remaining partners under the name of Lemmon & Lawrenson.

The Imperial Cement Co., Owen Sound, Ont., have elected the following officers: President, Hon. A. G. MacKay; vice-president, M. Kennedy; manager and secretary, J. C. Kennedy, C. E. The other directors are J. W. Leonard, Dr. W. J. Dow, J. W. Maitland, S. Lloyd and William Taylor.

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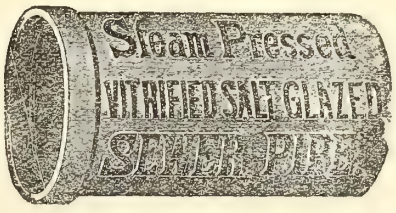
1-63 Guardian Building MONTREAL

A TRIUMPH OF THE METALLURGIST'S ART
MANGANESE
Anti-Friction
Babbitt Metal.
Syracuse Smelting Works, Montreal.

THE ONTARIO ASPHALT BLOCK CO., L'T'D.
MANUFACTURERS OF
ASPHALT BLOCK PAVING
Information and samples furnished municipalities on application.
Main Office: WINDSOR, ONT. Works: WALKERVILLE, ONT.

THE CANADIAN SEWER PIPE CO.
MANUFACTURERS OF


FOR
Sewers, Culverts and Water Pipes
Inverts for Brick Sewers
WRITE FOR DISCOUNTS
ST JOHNS, P.Q. *HAMILTON, ONT.* *TORONTO, ONT*

ALSEN'S, 45 Broadway, NEW YORK

THE OFFICIAL PRACTICAL TEST OF CONCRETE VAULT LIGHT CONSTRUCTION
UNDER THE PERSONAL DIRECTION OF
WM. BARCLAY PARSONS, C.E., M.AM.SOC. C.E.
CHIEF ENGINEER R. T. COMMISSION
AND
S. L. F. DEYO, C. E., M. AM. SOC. C. E.
CHIEF ENG. R. T. SUBWAY CONSTRUCTION CO.

MERELY SUSPENDED BETWEEN I-BEAMS A SLAB OF
ALSEN CONCRETE
2 INCHES THICK
5 FEET WIDE
12 1-2 FEET LONG
30 DAYS OLD
SUSTAINED 11,882 POUNDS OF CONCENTRATED WEIGHT
ON AN IRON DISC 8 1-2 IN. IN DIAMETER

ALSEN'S HAS BEEN SELECTED IN PREFERENCE TO ALL OTHER BRANDS, FOR THE SUBWAY RAPID TRANSIT STATIONS OF THE ENTIRE SYSTEM, REACHING FROM THE BATTERY TO THE BRONX.

THOUGH HIGHEST IN PRICE, ALSEN'S IS BEING USED IN THIS VERY IMPORTANT CONSTRUCTION, NOT ONLY BECAUSE OF ITS GREATER STRENGTH, BUT CHIEFLY BECAUSE OF ITS ABSOLUTE SAFETY IN ACTUAL WORK.

NEW COMPANIES.

Empire Sash & Door Company, Limited, Winnipeg, Man., incorporated, capital $10,000, to manufacture and deal in sash, doors, lumber and building materials. Directors, William H. McWilliams, grain merchant, Winnipeg; G. F. Piper, gentleman, of Minneapolis, and others.

Saskatchewan Bridge Company, seeking incorporation, to build a bridge across the Saskatchewan river from Strathcona to Edmonton, N.W.T. W. H. Biggar, of Montreal, solicitor for applicants.

Sussex Lumber Company, Limited, Sussex, N.B., incorporated, capital $25,000. Directors, James A. McArthur, James A. Campbell, E. R. Falkins, of Sussex; James Smith, of Millstream, and others.

Scarboro Telephone Company, Limited, Toronto, incorporated, capital $40,000, to carry on the business of a telephone company. Directors, T. A. Young, of Markham; William Mulock, jr., of Toronto; Alexander Neilson, John Neilson and David Brown, of Scarboro.

Ontario and Minnesota Power Company, Limited, Toronto, incorporated, capital $3,000,000, to undertake water power development at Fort Francis, Ont. Directors, E. W. Backus, of Minneapolis; R. A. Grant and A. McKenzie, of Toronto.

American and British Columbia Hydraulic Placer Company, Limited, incorporated at Victoria, B.C., capital $50,000.

Dease Hydraulic & Development Company, Limited, Victoria, B. C., incorporated, capital $50,000.

Enderby Gold Mines, Limited, Victoria, B. C., incorporated, capital $250,000.

Prices of Building Materials.

PRESSED BRICK, Per M.

MILTON PRESSED BRICK AND SEWER PIPE CO.

	F.O.B. Milton, Ont.	F.O.B Montreal
Red No. 1	Please write to head office, Milton, Ont., for catalogue and prices.	$18 00
" 2		16 00
" 3		14 00
Buff No. 1		20 00
" 2		18 50
Brown		25 50
Roman Red		30 50
" Buff		33 50
" Brown		40 50
Hard Building		12 00
" Sewers		12 00
" Backing		11 50

DON VALLEY PRESSED BRICK WORKS.

Nos. 1, and 3, R-d Pressed Bricks	Please write to head office 34 Toronto St. Toronto for catalogue and prices.
Nos. 1 and 2 Buff Pressed Brick	
No. 1 Brown Pressed Brick	
Pompeiian Red, Buff and Brown Pressed Bricks	
Ornamental Bricks of all kinds for Mantel purposes.	
Porous Terra Cotta Fireproofing of all Descriptions	
Vitrified Street-Paving Bricks	
Semi-Vitrified Foundation Bricks	
Common Stock Red and Grey Bricks	
Sewer Bricks	
Stone or Macadamized Roadways	

(Coninued on page 14.)

JOHN GALT, C.E.&M.E.
MEM CAN SOC. C.E. AND C.E.A., ETC.
CONSULTING ENGINEER and EXPERT
National Trust Building
20 King Street East Toronto
pecialties—Water Supply and Sewerage .

PORTLAND CEMENT
SAMSON BRAND *MAGNET BRAND*
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THE OWEN SOUND PORTLAND CEMENT COMPANY, LIMITED
Owen Sound, Ont.
Works at SHALLOW LAKE, ONT. Write us for prices

McGREGOR & McINTYRE, LIMITED
67 to 91 Pearl Street, Toronto, Ont.
STRUCTURAL IRON WORKS
Fire Escapes, Library Racks, Sidewalk Door, Jail Cells, Iron Stairs, Railings, Etc., Etc.
SOLE AGENTS FOR DUPLEX HANGERS WRITE FOR ESTIMATES.

Portland Cement...
HIGH GRADE GERMAN BRANDS FOR GRANOLITHIC AND ARTIFICIAL STONE SIDEWALKS.
Sewer Pipes, Culvert Pipes, &c. Best English Cements. Best Belgian Cements
W. McNALLY & CO., Montreal

Climax Steel Reversible Graders
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Concrete Moulds for Culvert Pipe
Contractors' Dumping Wagons Concrete Building Block Machines
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Climax Road Machine Co.,
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Use Guaranty Bonds on Officials
We make a specialty of guaranteeing Municipal Officers.
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The United States Fidelity & Guaranty Co.
A. E. KIRKPATRICK, Manager for Canada.
6 COLBORNE STREET, - TORONTO, ONT.

PORTLAND CEMENT
SEWER PIPES
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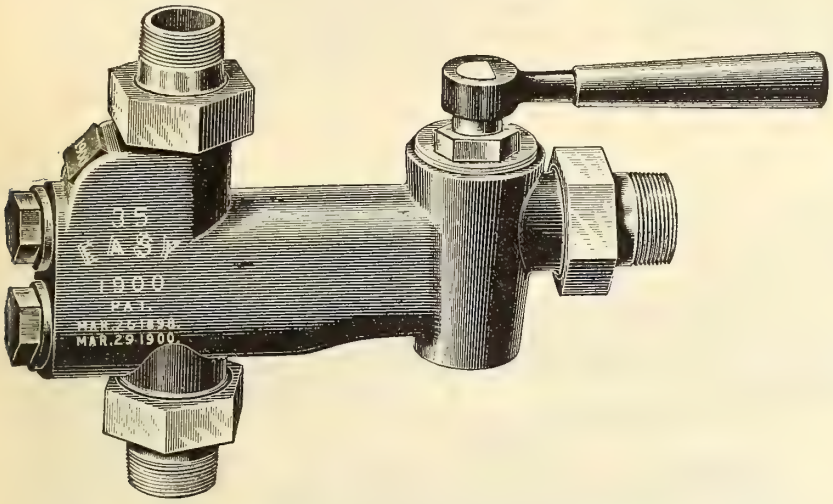
FIRE CLAY
ALEX. BREMNER
50 Bleury Street, MONTREAL

Fire Clay Products
THE GLENYARDS FIRE CLAY CO.
BONNYBRIDGE, SCOTLAND.
Cablegrams: Glenyards, Bonnybridge. Codes used, A.B.C. and Glenyards.
Manufacturers of all kinds of Fire Clay Goods, Ganister and Silica Goods, for Iron and Steel Works and Gas Works, including Boiler Seating Blocks and Covers of all sizes. Ground Fire Clay, Ganister and Silica In all kinds of Packages

"EASY" INJECTOR

A DOUBLE TUBE MACHINE AT SINGLE TUBE PRICE



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No Moving Parts

No Complicated Valves

Not Restricted by Temperature

The Most Simple and Efficient Injector on the Market.

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CANADA FOUNDRY COMPANY LIMITED

Head Office and Works: TORONTO, ONT.

District Offices: MONTREAL HALIFAX OTTAWA WINNIPEG CALGARY VANCOUVER ROSSLAND

THOS. J. DRUMMOND, President. JAMES T. McCALL, Secretary-Treasurer. C. ED. GUDEWILL, Vice-President

Montreal Pipe Foundry Co., Limited

Special Castings
Flange Pipe
Branches
Hydrants
Valves

CAST IRON PIPE

Valve Boxes and general Water Works Supplies

Works at: LACHINE, QUE. THREE RIVERS, QUE LONDONDERRY, N. S.

Combined daily capacity: 175 Tons Pipes and Castings.

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JAMES. THOMSON, President. J. G. ALLAN, Vice-President. JAMES. A. THOMSON, Secretary. JOHN GARTSHORE, Treasurer.

THE GARTSHORE-THOMSON PIPE & FOUNDRY CO.

LIMITED.

Manufacturers of

Flexible and Flange Pipe, Special Castings and all kinds of Waterworks Supplies

CAST IRON PIPE

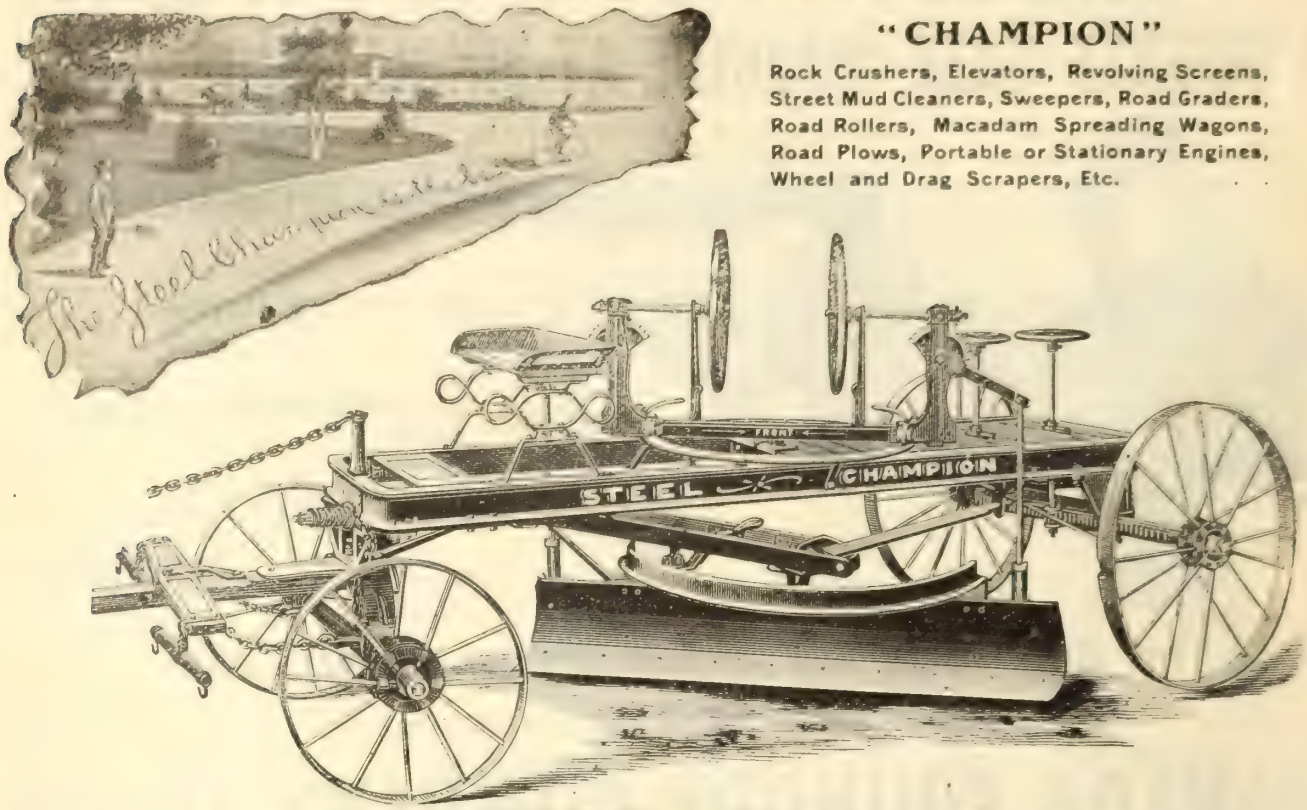
3 inches to 60 inches diameter.

For Water, Gas, Culvert and Sewer

HAMILTON, ONT.

THE GOOD ROADS MACHINERY COMPANY, LIMITED, Hamilton, Canada

The Steel "CHAMPION" Reversible Road Machine The Simplest, Strongest and Best. Don't it look it? Built for service. A strictly High-Grade Road Machine.



"CHAMPION"

Rock Crushers, Elevators, Revolving Screens, Street Mud Cleaners, Sweepers, Road Graders, Road Rollers, Macadam Spreading Wagons, Road Plows, Portable or Stationary Engines, Wheel and Drag Scrapers, Etc.

The Steel "CHAMPION" is the King of Graders.

All mechanics agree that the simpler the machine the more valuable it is. In complicated machines look out for trouble and expense

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Good Roads Machinery Company, Limited,

JOHN CHALLEN, President and General Manager.

Address—Late Killey Beckett Works, 144 York Street, HAMILTON, ONT.

Prices of Building Material

(Continued from page 12.)

TORONTO PRESSED BRICK AND TERRA COTTA WORKS

	F.O.B. Milton, Ont.
Red No. 1	13 00
" 2	5 50
" 3	9 00
Buff No. 1	15 00
" 2	12 00
Brown	15 00
Roman Red	30 00
" Buff	35 00
" Brown	40 00
Hard Building	8 0
" Sewer	7 50
" Backing	6 00

Moulded and Ornamental from $2.00 to $5.00 per 100.
Terra Cotta String Courses and Frieze, from 50c. to $2.00 per ft. run.
Roofing Tiles, $20.00 per 1,000.

BEAMSVILLE BRICK AND TERRA COTTA CO.

	F.O.B. Beamsville.	F.O.B. Montreal.
Red Peerless Facing	$16 00	$21 50
" No. 1	14 00	19 50
" No. 2	12 00	17 50
" No. 3	10 50	15 00
Brown Peerless Facing	20 00	25 50
" No. 1	18 00	23 50
Buff Peerless	20 00	25 50
" No. 1	18 00	23 50
" No. 2	15 00	20 50

Moulded and Ornamental Brick from $3 to $10 per C:

Roman Red (Size 12 x 4 x 1½ in.)	30 00	35 50
" Buff " "	30 00	35 50
" Brown " "	34 00	39 50
Vitrified Paving Brick No. 1	18 00	23 50
" " " No. 2	15 00	20 50
Sewer	8 00	13 50
Roofing Tile	22 00	26 00

FIRE BRICK

TORONTO POTTERY CO.	F. O. B. Toronto Car lots	Less
Boyd	20 00 M.	25 00 M.
W. W. Co.	22 50 M.	27 50 M.
Savage Crown	28 50 M.	32 00 M.
Ramsay		30 00 M.

STONE.

	Toronto.	Montreal
Common Rubble per toise, delivered at building	13 50	11 00
Large flat Rubble, per toise, delivered	14 00	18 00
Foundation Blocks, per c. ft.	40	50
Granite (Stanstead) Ashlar, 6 in. to 12 in., rise 9 in., per ft.		25
Amherst Red Sandstone Amherst, N.S., per cub. ft. on cars at quarry 40c. . at quarry		40
Sackville, N.B., brown or red stone f. o. b. Quarries	45	45
Masillon	40	4
Myers-Northport Red or River Philip Gray Sandstones f.o.b. per cubic foot	75	65
Stanstead g[illegible] paving blocks, 8 in. to 12 in. x6 in. x4½ in. per M		50 00
Granite curbing stone, 6x 20 in. per lineal foot		70
Buctouche Olive Freestone	85	65
Olive Sandstone (Indiantown, N. B)	80	70
Brown Sandstone (Sackville, N. B.	80	70
Moat red sandstone, per cu. ft.		60
Black Pasture buff stone per cu. ft.		50
Hagersville Crushed Stone per ton	1 25	
Nova Scotia blue grey, per cu. ft.		65
Coursers, 6 to 8 in. f. o. b. St. Mary's, per cord		7 00
Footing, 6 to 10 in. per cubic ft.		15
Dimension Stone, f. o. b. St. Mary's, per cubic foot		35
Granite (Laurentian Pink) Ashlar, 6 to 12 in., rise 9 in., per c ft.		25
Dimension Stock Granite, (Laurentian Pink) for building purposes, per c. ft., f.o.b. quarries		40
Do., for polishing purposes, up to 2 tons weight, per cubic foot		70
	F.O.B. Halifax	
Dimension stock granite for building purposes, per cu. ft.		40
Do., for polishing purposes, up to 2 tons weight, per cubic ft.		1 00
Paving sets, per thousand block		60 00

CREDIT VALLEY STONE.

	F.O.B. Quarries.
Rubble, per ton	60
Brown Coursing, up to 10 per sup. yard	1 75
Brown dimension, per cub.	70
Grey coursing, per sup. yard	1 25
Grey dimension, per cub. ft.	40

ROMAN STONE. F. O. B. Factory.

6" x 3" Sills, tooled seated and throated 35c. per lineal foot
Window Heads and Ashlar, 40c per square foot
Window and Door Quoins tooled 40c. per superficial foot
String Courses, Molded or Ornamental, 6" to 12" rise 50c to $1 50 per lineal foot
Hollow wall tooled finish 14" thick 40c. per square foot

SLATE.

	Toronto.	Montreal.
Roofing (per square).		
[illegible]	10 00	10 00
purple	9 00	10 00
unfading green	10 00	11 00
black	9 00	9 00
Terra Cotta Tile, per sq	23 00	25 00
Ornamental Black Slate roofing		77 3

PORTLAND CEMENT

(CARLOADS.)

Canadian (Packages, 350 lbs. net.):	Toronto.		Montreal	
Rathbun's Star	1 70	2 00	1 80	2 00
Trowel			1 85	1 95
Samson	1 75	1 85		
Magnet	1 55	1 65		
Monarch	1 80	1 90	1 90	2 00
Hercules	1 75	1 75		
Imperial		1 80		
Crescent 375 lbs. gross	2 30	2 40	1 95	2 05
Diamond 350 " "	2 20	2 30	1 85	1 95
"Giant" Brantford	1 75	2 00	2 00	2 50
American (in Bags):				
"Helderberg"			1 90	2 00
Alsen				2 25
Lehigh, in bbls., 375 lbs.		2 35	2 10	2 20
" cotton sacks, 350 net		2 00		2 00
" paper bags		2 10		1 85
"Iron Clad" in bags 350 lbs.			1 80	1 90
"Invicta" " " "			1 65	1 70
"Adirondack" " " "			1 50	1 65
Vulcanite (The Toronto Pottery Co., Limited. Toronto) 350 lbs. per bbl.				
In paper bags		1 80		
" wooden bbls.		2 00		
" cotton bags		2 10		
English in Barrels):				
Brook's Shoobridge Anchor	2 35	2 40	2 00	2 10
Belgian (in Barrels):				
"Josson"	2 60	2 70	2 20	2 30
"North's Condor	2 05	2 10	2 25	2 30
"White Cross"	1 90	2 00	1 75	1 80
Hammer			1 80	1 90
White Star	2 15	2 25	1 90	2 00
Samson			1 80	1 90
German (in Barrels):				
Offenbacher				2 35
Alsen	2 65	2 95		2 40
Dyckerhoff	2 65	2 75		2 40
Hercules	2 25	2 35		2 15
Keene's Superfine "Whites"	10 00	12 00	8 50	9 00
Keene's Coarse "Whites"	6 50	7 00	4 50	5 00
Fire Bricks, Newcastle, per M	27 00	32 00	18 00	23 00
" Scotch "	28 00	33 00	19 00	23 00
Plaster Calcined N.B.		1 70		1 60

CORRECTED UP TO FEBRUARY 14TH

CANADIAN

Contract Record

A Weekly Journal of Public Works, Tenders, Advance Information and Municipal Progress

This Paper Reaches Every Week the Town and City Clerks, Town and City Engineers, County Clerks and County Engineers, Purchasers of Municipal Debentures and Leading Contractors in All Lines Throughout Canada

VOL. 15. TORONTO, MONTREAL, WINNIPEG, FEBRUARY 22, 1905 No. 54.

THE CANADIAN CONTRACT RECORD
PUBLISHED EVERY WEDNESDAY
As an Intermediate Edition of the Canadian Architect and Builder.

THE C. H. MORTIMER PUBLISHING COMPANY
of Toronto, Limited.
Subscription Price, $2 per annum, payable in advance.

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720-721 Union Bank Building, Winnipeg.
22 Great St. Helen's, London, England.

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TENDERS

will be received at the office of the undersigned up till MONDAY, MARCH 6TH, for all trades in the erection of two office buildings for the Canadian Bank of Commerce, one at Toronto Junction, the other corner Parliament and Carlton Streets, Toronto.

DARLING & PEARSON, Architects,
2 Leader Lane, Toronto.

TENDERS WANTED

Town of Owen Sound Debentures.

Tenders will be received by the undersigned up to 6 o'clock p m. on FRIDAY, 17TH MARCH, 1905, for the following debentures:

Guaranteed by the County of Grey, $15,000 for improvement of Gas Plant; $10,000 for improvement of Electric Light Plant.

Dated 1st February 1904, payable 1st February, 1924, Interest 4 per cent. per annum half yearly, February and August.

By-laws are approved by A. Bruce, Esq., K.C., Hamilton.

No tender necessarily accepted.

A. J. SPENCER, Town Treasurer.
Owen Sound, 17th February, 1905.

TENDERS

For Supply of Brass Goods and Fittings.

Sealed tenders addressed to the Chairman Fire, Water and Light committee, for supply of brass goods and pipe fittings, etc., will be received at the office of the undersigned up to 3.30 p.m. on MONDAY, MARCH 13TH, 1905.

Specifications and forms of tender may be obtained at the office of H. N. Ruttan, city engineer, Winnipeg, Canada.

Each tender must be accompanied by an accepted cheque, draft, or cash deposit for the sum called for in the form of tender supplied, which will be subject to forfeiture in case of failure on the part of the contractor to enter into a written contract, with approved sureties, if called upon to do so.

The city reserves the right to reject any or all tenders, or to accept any bid which appears advantageous to the city of Winnipeg.

C. J. BROWN, City Clerk.
City Clerk's Office,
Winnipeg, February 15th, 1905.

Young architect, of good experience, wants position with contracting firm. Well informed in contracting methods, etc., good references. Box 71, CONTRACT RECORD, Toronto, Ontario.

Wanted — A Competent Draughtsman for Architect's Office; one capable of taking entire charge during proprietor's absence. State salary wanted and give idea of previous experience. Address Box 67, CONTRACT RECORD, Toronto, Ont.

POSITION WANTED

Architectural Draughtsman, eight years varied experience, desires to change his position. Experience in inspection. Capable of taking charge of branch office, first class references. Communicate to Box 70, CONTRACT RECORD, Toronto, Ontario.

TENDERS

Bulk or Separate Tenders will be received by the undersigned up till 6 o'clock p. m. of SATURDAY, MARCH 4, 1905, for the various trades required in the erection of a

Collegiate Institute Building, Galt, Ont.

Plans and specifications may be seen and information obtained from the Secretary at Galt, Ont., or at the offices of the Architects, Stewart & Witton, Hamilton, Ont.

The lowest or any tender not necessarily accepted.

THOMAS CARSCADDEN,
Secretary, Galt, Ont.

Tenders for Sewers and Waterworks

Sealed tenders addressed to M. W. Flannery, Town Clerk, will be received by the Corporation of the Town of North Bay, Ontario, until 12 o'clock noon of MARCH 20th, 1905, for the various works in connection with

1.—Change of the source of the water supply.
2.—Installation of a system of sewers and their appurtenances.

The system of waterworks comprises the following:—

(A) Laying 15,000 feet of 10" cast iron delivery pipe, with necessary valves, etc., with 330 feet of 12" intake pipe.
(B) New pumping station of brick 60' x 24', and Engineer's dwelling of brick veneer.
(C) Supply and erection of 75 H. P. Boiler.
(D) Steel stack 30" diameter, 60 feet high.
(E) Removal and re-erection of present plant.

The system of sewers comprises the following:—

(A) Supplying and laying 20,000 feet of 8"-10"-12" sewer pipe with manholes, flush tanks, etc.
(B) Construction of two Septic Tanks of concrete, each 100' x 40'.

The corporation do not bind themselves to accept the lowest or any tender, and reserve the right to award the whole or any portion of the contract according to the various sections into which the tender is divided.

Plans and specifications can be seen, and all information obtained at the office of the Town Engineer, L. O. Clarke

A marked cheque equal to 5% of the amount of the tender must accompany every bid.

M. W. FLANNERY, Town Clerk.

TENDERS WANTED

For the construction of a Presbyterian Church at Regina. Tenders will be received up to JANUARY THE 25TH, 1905. Lowest or any tender not necessarily accepted. Plans and specifications can be seen at the office of the undersigned, to whom tenders must be addressed.

P. McARA,
Regina, N.W.T.

TENDERS FOR CHURCH

Tenders will be received by the Rev. D. A. Twomey, of Belleville, Ont., up to MONDAY, MARCH 6TH, NEXT, for the several trades work required in the reconstruction of St. Michael's Church at Belleville, Ont.

Plans and specifications may be seen at St. Michael's Presbytery, Belleville, and at the office of the architect, Kingston, Ont.

The lowest or any tender not necessarily accepted.

H. P. SMITH, Architect,
Anchor Building, Kingston, Ont.

TENDERS FOR PORTLAND CEMENT.

Sealed tenders addressed "S. R. Armstrong, Town Clerk, Peterborough, Ont.," and endorsed "Tenders for Cement," will be received up to MARCH 15TH, 1905, for supplying 3500 barrels more or less of Portland Cement. Tenderers will state whether cement is packed in sacks or barrels, net weight per sack or barrel, and price f. o. b. Peterborough. Sample tests will be made from consignments before acceptance. Delivery to commence not later than May 2nd, 1905. A marked cheque for an amount equal to 5 per cent. of total contract must accompany each tender. The lowest or any tender not necessarily accepted.

S. R. ARMSTRONG,
Town Clerk.

CITY OF BRANDON

Tenders for Cement and Sewer Pipes

Sealed tenders addressed to M. McKenzie, Esq., Chairman of the Board of Works, Brandon, Man., will be received by the undersigned until 12 o'clock noon on WEDNESDAY, MARCH 1ST, 1905, for the following supplies:

A—7,000 Barrels Portland Cement.
B—15,000 lin. feet of 8 inch vitrified Sewer Pipe.

Specifications and form of tender may be obtained on application to W. H. Shillinglaw, City Engineer, Brandon, Man.

The Council does not bind itself to accept the lowest or any tender.

J. B. WHITEHEAD,
Secretary-Treasurer.
Brandon, Man., February 4th, 1905.

Lawrence & Richards, painters, Winnipeg, Mnn., have dissolved.

Archibald McMillan, of the Macdonald-McMillan Co., Limited, railway contractors, Westbourne, Man., is dead.

CONTRACTS OPEN.

PROSPECT HILL, ONT.—A new residence will be built this spring by A. J. Martin.

MACLEOD, N.W.T.—Tenders will shortly be invited for the erection of a convent here.

EGLINTON, ONT.—Mr. McMurich, of Toronto, proposes to build a number of houses on Soudan avenue.

CHATHAM, N.B.—It is stated that the W. T. Loggie Co. will erect a large brick building on Water street.

EAST TORONTO, ONT. — Plans have been prepared for the proposed addition to the Y.M.C.A. building.

FORT FRANCES, ONT.--The Canadian Northern Railway are said to have decided to build a new station here.

PRESTON, ONT. — James Eagle will likely build a number of residences on their property the coming season.

COLLINGWOOD, ONT. — Steps are to be taken to improve the fire alarm system and install a sewerage system.

SPRINGHILL, N.S. — Plans have been prepared for a new wing to the Cottage Hospital, to cost about $15,000.

FERGUS, ONT. — William Rutherford has purchased a lot on Union street on which he intends building a residence.

BOWMANVILLE, ONT.—The ratepayers will vote on a by-law to give a loan of $15,000 to the Durham Rubber Co.

PORTAGE LA PRAIRIE, MAN.—The School Board have decided to borrow $8,000 for additional school accommodation.

BRANTFORD, ONT.—The Brantford Screw Co. are understood to be considering plans for the erection of a large new factory.

GUELPH, ONT. — The by-law to raise $7,000 for a new water filter and fire pressure pump has been passed by the City Council.

STOUFFVILLE, ONT. — J. Urquhart, Village Clerk, desires bids by March 1st for purchase of $4,000 cement walk debentures.

FOREST, ONT. — Dr. H. N. McCordic has just purchased a lot on Main street on which he intends building a residence and office.

MOOSE JAW, N.W.T.—The plans of W. A. Elliott, architect, of Brandon, have been accepted for a $30,000 public school to be built here.

ARNPRIOR, ONT. — The Town Council will proceed with the laying of an iron pipe across the Madawaska river for waterworks purposes.

ST. JOHN, N.B.—Dr. W. P. Bonnell will erect a residence on south side of Queen's square, for which H. H. Mott is now preparing the plans.

QU'APPELLE, N.W.T.—J. C. Starr, Secretary School Board, desires plans by February 28th for a six-roomed brick school, with stone basement.

EAST TORONTO, ONT. — The Public School Board have asked the Council for the sum of $3,500 to purchase a site for proposed new school.

GRAND FALLS, N.B.—Sentiment is strongly in favor of constructing a waterworks system here, and some action is likely to be taken this year.

HESPELER, ONT.—Daniel Souder purposes building a residence this spring.—It is the intention of Louis Grill to build a new hardware store.

NAPANEE, ONT.—F. F. Miller will receive tenders up to Thursday, March 9th, for the completion of the tower of the church of the St. Mary Magdalene.

PARIS, ONT.—John Lindsay will receive tenders up to Monday, March 6th, for erection of a brick dwelling. Plans by George W. Hall, architect, Brantford.

PRINCE ALBERT, N. W. T.—Ald. Hamilton has given notice of the introduction of a by-law to borrow money for constructing waterworks and sewerage systems.

STRATHCONA, N.W.T.—The ratepayers will vote on a by-law on Saturday, March 4th, to provide $104,000 for the construction of a system of waterworks and sewers.

THOROLD, ONT. — Mayor Munro and Councillors Laughlin and Broderick have been appointed a committee to consult an engineer as to the best system of waterworks.

PICTOU, N.S.—A public meeting is to be held this week for the purpose of authorizing the Council to borrow $12,000 to complete and extend the electric light plant.

NIAGARA FALLS, ONT. — John Robinson, Town Clerk, desires offers by 25th inst. for the purchase of $8,000 waterworks debentures and $15,000 electric light debentures.

BARRIE, ONT.—Thomas Kennedy, architect, is asking for tenders up to the 25th inst. for the erection of a large brick or cement livery and boarding stable in Barrie. Plans at his office.

MONCTON, N.B.—The Town Engineer has been requested to prepare an estimate of the cost of transferring the waterworks from its present location to the electric light station.

HALIFAX, N.S. -- Willis Chipman, C.E., of Toronto, has been engaged by the City Council to prepare plans and estimates for providing a complete waterworks system for the city.

GLENORA, ONT.—H. C. Kennedy, of Wiarton, has secured an option on the Lake of the Mountain at this place, and is forming a company, with a capital of $500,000, to develop the power.

LEVIS, QUE.—The Town Council have taken steps to secure the construction of a branch line of railway from Harlaka Junction to this town ; distance four miles, probable cost $50,000.

ST. BONIFACE, MAN.—T. Bertrand, Secretary-Treasurer of the Town, invites tenders up to 24th inst. for construction of a sewer on Masson street and Tache and Provencher avenues.

SARNIA, ONT.—The Sarnia Street Railway Co. are asking for tenders up to 25th inst. for construction of a frame and concrete pavilion at Lake Huron Park. Plans at office of M. R. Burrowes, architect.

NEW WESTMINSTER, B.C.—The City Council have offered the Dominion Government a lot on the corner of Carnarvon and McKenzie streets for the purpose of erecting thereon an Indian and fisheries building.

DALHOUSIE, N.B.—The ratepayers have voted to exempt the Restigouche Woodworking Co. from taxation for 15 years.—The Town Commissioners have been given power to engage an engineer to report on a waterworks system.

BERLIN, ONT. — It is expected that the contract for the new Trinity church will be awarded at an early date. —W. M. Davis, C.E., of this town, is preparing the preliminary plans for the proposed Woodstock-Embro-Goderich Railway.

LEAMINGTON, ONT. — It is reported that the bonds of the proposed Windsor, Essex and Lake Shore Rapid Railway Company have been sold in New York and that work on the road will be commenced as soon as the weather permits.

EDMONTON, N.W.T. — A new brick block will be built on Jasper ave., to be occupied by the Perfect Clothing Co.—The National Trust Co. have purchased the lot at corner of Jasper ave. and First street and will likely build thereon.

MITCHELL, ONT.—A. Hill & Co. have asked the town for a loan of $8,000, in consideration of which they agree to erect a new building 35 × 100 feet and install new air plant, pneumatic tools, and other machinery to manufacture steel bridges.

CALGARY, N.W.T. — The Baptist congregation have decided to immediately rebuild their church. It will be of brick veneer and cost about $20,000.—The City Council are asking for tenders up to March 15th for the installation of an electric lighting plant.

SANDWICH, ONT.--The Committee on Roads and Bridges of the County Coucil have recommended that the request from the Township Council of Anderdon to assist in the building of a steel bridge over the Canard river be considered at the June session.

QUACO, N.B.—F. Gelinas, Secretary Department of Public Works, Ottawa, will receive tenders up to Tuesday, March 7, for construction of an extension to the east pier here. Plans at offices of E. T. P. Shewen, resident engineer, St. John, and Geoffrey Stead, Chatham.

ST. MARY'S, ONT.—It is proposed to submit a by-law to the ratepayers to raise $5,500 for cement walks, $10,000 for roadways, $3,500 for a steel bridge on Wellington street, $700 for an arch bridge on Water street south, and $300 for a culvert on James street south.

MORRISBURG, ONT. — The Dominion Cabinet have approved of the application of this village for the right to develop 1,100 horse power in the Williamsburg canal, and the ratepayers will therefore be asked to authorize the Council to borrow $76,100 for electric development purposes.

WATERLOO, ONT. — F. Tylinski, merchant tailor, intends building a small business block on Queen street.—P. Gies has bought a lot on King street on which he will erect a fine residence this spring.—C. Asmussen has purchased property on corner of Benton and Alma streets and may build thereon.

CHATHAM, ONT.—J. L. Wilson & Son, architects, have completed plans for a new residence for Mrs. Ouellette.—The City Council seem to be in favor of accepting the plans of T. J. Rutley for the new market building.—The Public School Board are considering the question of heating the Central school.

REGINA, N.W.T.—New Presbyterian and Roman Catholic churches are almost certain to be built this year. — The Methodists have recently acquired a site for a new church, but do not contemplate building this year.—A by-law will be submitted to the ratepayers within the next few weeks to raise $50,000 for the erection of a new school.

FORT WILLIAM, ONT. — E. S. Rutledge is this week taking tenders on erection of four brick houses on Marks street.—Mayor Rutledge and Councillor Newcombe have been appointed to cooperate with the Board of Commissioners in securing a competent engineer to report on complete waterworks and sewerage systems for the town.

VICTORIA, B. C. — W. Ridgeway Wilson, architect, has prepared plans for the new school building to be erected in Victoria West, but the by-law to provide the necessary funds must be endorsed by the electors before the work can be commenced.—The Electric Light Committee has recommended that the City Council

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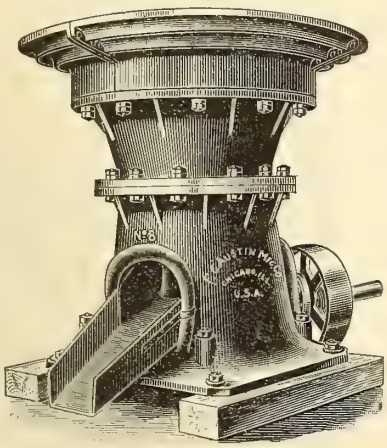

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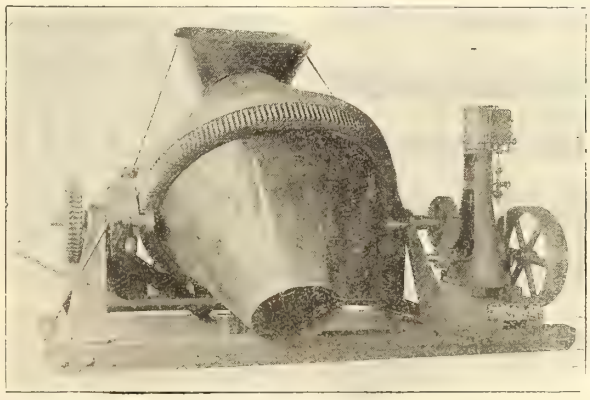

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TILBURY, ONT.—Henry Wilson, of Tilbury East, has purchased a site on Prospect street on which he will build a residence.—Engineers of the Dominion Government were here last week to select the site for the proposed new dock on the Thames river.—J. L. Wilson & Son, architects, of Chatham, have prepared plans for a residence to be built by Mrs. Bueglet, of this place.

OTTAWA, ONT.—R. H. Flaherty and H. E. Knobel, of Port Arthur, and G. A. Elliott, of Winnipeg, are seeking incorporation as the Labonk & Thunder Bay Railway Co., to build from Thunder Bay to Loon Lake.—The plans of the Guigues school have been approved by the Ontario Government.—The Dominion Government intend building an additional storey to the post office building in this city.

KINGSTON, ONT.—It is understood that the Sisters of the House of Providence have purchased from the Sisters of the Congregation of Notre Dame the property on King street west known as St. Mary's-on-the-Lake. It is probable that an orphanage will be established. — Contracts will be awarded this week for the supply of 2,500 barrels of Portland cement, a quantity of sewer pipe and 150,000 feet of pine plank, for city purposes.

STRATFORD, ONT.—W. J. Ireland, architect, has completed plans for a residence on Cobourg street for J.C. Diggins and another on Home street for Frank Young, both two stories, red brick.—R. H. Bell will build a two-storey brick residence on Norman street. — Waterworks Manager Clark is preparing plans for extending the water mains this year in accordance with the report of Willis Chipman, C. E., of Toronto. The cost will be about $20,000.

QUEBEC, QUE.—The old historical church of St. Eustache is to be remodelled and improved next spring, at a cost of $30,000.--It is the intention to build a new R. C. church, north-west side of Riviere du Loup Station (Fraserville, Temiscouata Co.). Tenders are now being invited by Ouellet & Levesque. Same architects are preparing plans and specifications for alterations to the National School, D'Auteuil street, this city, and will soon call for tenders for two dwelling-houses on Avenue des Erables for L. F. Burroughs.

PETERBORO, ONT.—The building to be built by the Peterboro Shovel & Tool Co. will be brick, 200×65 feet, and is to be equipped with machinery costing $30,000.—The City Council have passed a by-law to aid the Peterboro Cereal Co., in which W. H. Meldrum is interested. The company agree to build and equip a flour mill, cereal food mill, grain elevator and warehouse, at a cost of at least $100,000.—W. G. Morrow, architect, is asking for tenders up to Friday, March 3rd, for the erection of a new Collegiate Institute building in Central Park, to cost about $50,000. Plans by J. E. Belcher.

WINNIPEG, MAN.—C. J. Brown, City Clerk, is asking for tenders up to Monday, March 13, for supply of brass goods, pipe fittings, etc.—The School Board have decided to ask the City Council to submit to the ratepayers a by-law to raise $200,000 for building and furnishing new schools. — Andrew M. Himle, manager of the Anglia Land & Lumber Co., states that it is proposed to develop the White Mud falls as well as to build pulp and saw mills.—Major Henry A. Wood, of the Department of Public Works, Ottawa, has been making an examination of the outlet of the Rainy river with a view to the improvement of navigation.

GALT, ONT.—F. W. Mellish, architect, has prepared plans for proposed alterations and additions to the Central school.—Work will commence on the construction of the Colborne and King street sewers as soon as the necessary plant is purchased. W. M. Davis, town engineer, estimates the cost at $6,662.—A company has been formed to build stables for the accommodation of farmers' horses. It is proposed to erect a double deck building to cost about $6,000. Ald. Patterson is interested.—The new Collegiate Institute building, for which tenders are now being invited, is estimated to cost about $35,000. Stewart & Witton are the architects.

HAMILTON, ONT.—The Hamilton, Grimsby & Beamsville Railway have purchased the lot on south side of Main street, between Bowen and Catharine streets, and will probably build a new station thereon. — Adam Zimmerman, M.P., has applied for a sewer on Sanford ave., where he purposes building a number of residences.--W. A. Sweet will build a brick residence on Colborne street, between Bay and Park streets, cost $1,700. —Mr. Kenrick, secretary of the Hamilton, Ancaster and Brantford Railway, last week submitted to the County Council plans of the proposed railway.—H. G. Waddie, of 225 South James street, has organized the Canadian Drawn Steel

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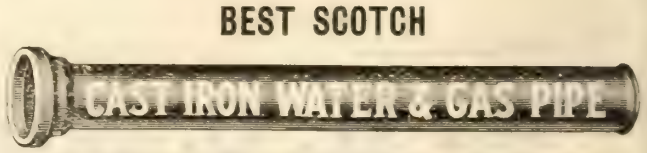

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LONDON, ONT.—Tenders are invited up to Monday, March 6th, for waterworks supplies, including lead pipe, brass fittings, stock-cock boxes, iron castings, hydrants, valves, lumber, cast-iron mains and laying of mains. Specifications at office of Moore & Henry, Albion Block. — Park Commissioner Pearce has had plans prepared for a new greenhouse in Victoria Park, to cost about $5,000.—It is probable that expropriation proceedings will be commenced shortly to acquire the land for the purpose of building the proposed breakwater in West London.—Nearly $9,000 has been subscribed for the new Sunday School building for St. Andrews' church, but the work will not be commenced until at least $15,000 is available.—It is probable that pavements will be constructed this year on Dundas street, between Elizabeth street and the Fair grounds, and between Wellington and Adelaide streets, and on King street, between Wellington and Maitland streets.

VANCOUVER, B.C.—Dalton & Eveleigh, architects, have just taken tenders on an office building at 615 Hastings street for E. P. Davis, barrister.—E. E. Blackmore, architect, has prepared plans for the new Y.M.C.A. building, and tenders may be invited this week. It will be frame, 100 × 50 feet, three stories and basement, cost about $10,000.—A. B. Newell, manager of the White Pass & Yukon Railway, states that it is the intention of the company to replace all wooden bridges with steel structures as soon as possible.—Contracts are still to be let in connection with the new General Hospital to the value of nearly $10,000, but the funds for the work have not yet been provided.—W. J. Pendray, of the British Columbia Soap Works, Victoria, was in the city last week looking over the available sites for a factory.—The Vancouver, Westminster & Yukon Railway Co. are reported to have acquired 640 acres of land on north side of Burrard Inlet for terminal facilities.—Dalton & Eveleigh, architects, have prepared plans for the sub-station to be built near Eburne in connection with the electrification of the Lulu Island Railway. Building will be 50 feet square, of concrete and steel.—Thomas Robson, of the Department of Marine and Fisheries, will shortly call for tenders for the construction of the salmon hatchery to be built at Owekayno Lake by the Dominion Government.—The construction of the extension to the Union Steamship Co's wharf at foot of Carrall street will be commenced about March 1st. A large warehouse will be built on the extension.

MONTREAL, QUE. — The Roman Catholic School Board will ask the Government for power to float a $200,000 loan to build a new school for the Cathedral parish and another for St. Helen's parish and to enlarge the Olier, Champlain and Sarsfield schools.—Roswell C. Fisher has just completed arrangements for the erection of an apartment building on corner of Bishop & Sherrooke street, to be 110x130 feet, of brick, with stone trimmings. The main entrance will be finished in imported marble, and hardwood finish will be used extensively. An electric plant will be installed for lighting and power purposes. The architects are MacVicar & Heriot.--It is stated on good authority that plans are maturing for the erection of a palatial hotel on the block bounded by St. Catherine, Peel and Metcalf streets and Dominion square.—Negotiations are said to be in progress for the purchase of the property on the north side of St. Catherine street, between Aylmer and City Councillor streets, for the purpose of building a large block thereon. — No decision has yet been reached regarding a site for the proposed military school in this city.—H. Vineberg

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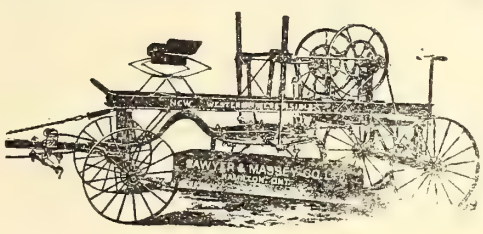

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& Co., wholesale clothing manufacturers, have decided to build a seven-storey factory on Windsor street, where now stands the building of the Italian Immigration Aid Society. It will likely be of brick and will be equipped with automatic sprinklers, fire escapes, electric plant, etc.; estimated cost, $75,000.—The City Clerk will receive tenders up to Thursday, 23rd. inst., for the supply and laying of pipe into the Back river.—It is understood that the directors of the Windsor Hotel have practically decided to erect an addition to the building to contain 120 rooms.—The Olivet Baptist West End Extension Mission have purchased the lot on Albert street, near Vinet street, in Ste. Cunegonde, and intend building thereon a church with seating capacity for about 400.—The Baptist Church Extension Board of the Island of Montreal have decided to purchase the Delorimer ave. Mission property, which includes three lots and a small residence. —Plans are now being prepared for a branch bank to be built by the Molson's bank on the corner of Notre Dame and St. Remi streets, St. Henri.—Marchand & Haskell are the architects for the new ten-storey building to be built on the corner of St. James street and St. Lambert hill by Credit Foncier Franco-Canadien.—The sum of $93,000 has been subscribed for the new Alexandra Contagious Diseases Hospital and a meeting will likely be held next week to make arrangements for proceeding with the building.—The following permits have been granted: J. A. Laporte, Ontario st., three-storey wood and brick dwellings, cost $1,000; Ed. Sullivan, Chateauguay st., two-storey wood and brick dwelling, cost $4,300; Jos. Huot, Ernest st., two-storey wood and brick dwellings, cost $1,600; S. Coodbody, Bleury st., two-storey wood and brick dwelling, cost $1,000; Estate Belisle, St. Sacrament st., four-storey brick and stone dwelling and stores, cost $20,000; Louis Gervais, Marie Anne st., two-storey wood and brick dwellings, cost $2,400; L. Dussault, Breboeuf st, two-storey wood and brick dwellings, cost $2,300; Jos. St. Pierre, Centre st., three-storey brick and stone dwellings, cost $4,500; Chas. Stalpart, Iberville st., two-storey wood and brick dwellings, cost $1,500; Jules Seheers, Frontenac st., two-storey wood and brick dwellings, cost $1,500; J. B. Pelletier, Berri st., two-storey wood and brick dwellings, cost $2,000; Josue Milot, Parthenais st., three-storey brick and stone dwellings, cost $50,000; Montreal Water & Power Co., improvements to pumping station, cost $1,500.

TORONTO, ONT. — The Board of Control are asking for tenders up to Tuesday, March 21st, for the furnishing and erection of either a 5,000,000 or 6,000,000 imperial gallon, triple expansion fly-wheel pumping engine for waterworks purposes.—The time for receiving tenders for the various works in connection with the erection of a new art gallery in the Toronto Exhibition grounds has been extended to Tuesday, 28th inst.—Cecil B. Smith, of this city, is acting as consulting engineer for the Grand River & Western Power Co., which proposes to develop power at Jordan, near St. Catharines.—It is probable that the City will erect a new hospital building for the less dangerous infectious disease, to be located near the present Isolation hospital.—F. W. Cox has purchased considerable property on Pape ave., between Queen and Gerrard street, and intends erecting 16 pairs of houses, roughcast with brick fronts, cost about $1,750 each.—The City Engineer, in his last fortnightly report, recommends that a high level bridge be constructed over the C.P.R. tracks at the Don, at an approximate cost of $195,000. The cost of a subway under the G.T.R. tracks at DeGrassi street is estimated at $100,000. — The Board of Control are asking for tenders up to Thursday of this week for dredging slips. —Plans have been submitted to the Parks and Exhibition Committee for the improvement of Alexandra Park, at a cost of $6,500. — The following pavements and sidewalks are recommended: Pavements—Shirley ave., from Brock to St. Clarens, asphalt, $3,679; Charles street, from Church to Jarvis, bitulithic, $2,085; Bain ave., from Logan to Pape, bitulithic, $9,430; Dunbar road, from Elm ave. to South Drive, bitulithic, $3,045; St. Clarens ave., from Wyndham street to Dundas, brick, $7,105; Commercial lane, from Francis to west end, brick, $1,599, and on the same lane from Jarvis to Francis, $805; Hamilton street, from Queen to Paul, tar macadam roadway, $2,047. Cement concrete sidewalks—Halton, from Shaw to Dundas, $825; Stafford, from King to Clifford, $706; Sheridan, from Dundas to Mountray, $545; Sussex ave., from Brunswick to Robert, $484; Dundas, from Bloor to north city limits, $2,808; Morse, from Queen to Eastern ave., $983; Winchester, from Ontario to Rose ave., $452; Lisgar, from Argyle to Afton ave., $653; Queen, from Sorauren ave. to a point 59 feet west of Macdonell ave., except from Fuller street to a point 84½ feet west, $1,624; Harbord, from Markham to Manning ave., $1,261.—The following building permits have been granted: Robert Clayton, three two-storey brick and stone dwellings, east side Shaw street, near Bloor, cost $3,800; North American Land Co., three two-storey and attic brick and stone dwellings, east side Euclid ave., near Bloor street, cost $5,000; Mrs. Gertrude Smith, pair two-storey brick dwellings, north side Dagmar ave., near Pape, cost $3,000, Walter Armour, pair two-storey and attic frame and cement dwellings, plaster outside, west side St. Clarens ave., near Bloor street, cost $3,000; G. M. Milligan, 1½ storey brick stable, 163 Crescent road, cost $2,000; H. S. Mara, three pair two-storey brick and roughcast dwellings, Bellwoods ave., near Arthur street, cost $8,400; Stephen Willcock, pair two-storey dwellings, cement foundations, east side Bathurst street, near Barton ave., cost $4,000.

FIRES.

Saw mill of T. W. Flett at Nelson, N.B., totally destroyed; loss $18,000, small insurance. — Residence of T. L. Bailie at Penetanguishene, Ont., loss $1,800.—Knox church at St. Mary's, Ont., completely destroyed; loss $20,000. —Saw mill of Napoleon Gignac on Lallemant street, St. Roch's, Que.—Canadian Club building at Windsor, Ont.; loss $10,000.—Biscuit factory at Kingston, Ont., owned by R. J. Carson, —Factory of the Doherty Organ Co. at Clinton, Ont., damaged to extent of $30,000, covered by insurance. It is the intention to rebuild.—Berryfield's Hall at Milestone, N. W. T.; loss $10,000.—Grist mill of A. White & Sons at Orwell, Ont.; loss $5,000.

CONTRACTS AWARDED.

VERNER, ONT. — New Catholic church: N. Ladouceur, contractor.

CORNWALL, ONT.—Enlargement of High school: James C. Johnstone, contractor, $9,955.

MINNEDOSA, MAN.—Reconstruction of Main street bridge: John Zetterland, contractor.

ESSEX, ONT.—Alterations to residence of F. S. Adams: Laing, Ritchie & Co., contractors.

SEAFORTH, ONT. — Steel bridge over Bayfield river: Mitchell Bridge Works, Mitchell, Ont., successful tenderers.

ST. THOMAS, ONT.—$200,000 debentures: Aemilius Jarvis & Co., Toronto, purchasers, at $204,611.

QUEBEC, QUE.—Four cottages at Lake Edward for John Ritchie; L. Peters, contractor.

REGINA, N.W.T.—The tender of the McComb Sewer Pipe Co. has been accepted for supply of sewer pipe; price, $16,606.

OTTAWA, ONT.—New building on Slater street for Woods, Limited: Holbrook & Sutherland, contractors, price about $100,000.

LEVIS, QUE.—It is reported that the contract for new post office building here has been let to Joseph Couture, of St. Louis Pintendre, at $22,000.

FORT SASKATCHEWAN, N.W.T. —Timber for temporary Canadian Northern Railway bridge across the North Saskatchewan river: John Walters, contractor.

NIAGARA FALLS, ONT.—Ross & McRae have been awarded the contract for double tracking the Grand Trunk Railway from London to Kingscourt Junction, about 50 miles.

VICTORIA, B.C.—The contract for supplying granite curbing has been awarded to Alfred Wood for the running straight foot at 68 cents, and to John Mortimer for corners at $1.25.

FORT WILLIAM, ONT. — Construction of cement walks: James Tonkin, successful tenderer, 27 cents per square foot.—$69,000 of town debentures: W. C. Brent, Toronto, purchaser.

PRINCE ALBERT, N.W.T. — J. Gunn & Sons are the successful tenderers for building bridge across south branch of Saskatchewan river. There will be nine spans of 150 feet each, the piers to be of concrete and superstructures of steel.

ST. JOHN, N.B.—New edifice for the Church of the Assumption: Architect, J. T. C. McKean; contractors, John Flood and Edward Bates. Building will be 140 × 76 feet, with tower and gallery, and will cost about $40,000 exclusive of interior furnishings.

HAMILTON, ONT. — Shelter on Market square: Masonry, R. Topps; carpentry, James Phillips; structural iron work, Hamilton Bridge Co.; slating and corrugated iron, Thomas Irwin & Son; painting, J. Goodfellow; plumbing, W. J. Walsh; total tenders, $11,890.

LONDON, ONT.—Factory for Wilcox Hardware Co., of Chicago: Cement work, Forest City Paving Co.; carpentry, L.H. Martyn; painting, George Howe.—Repairs to Market house: Carpentry, J. G. Dodd & Sons, $1,325; cement and work, Forest City Paving Co., $1,030; painting and glazing, A. E. Cook, $315.

VANCOUVER, B. C.—The contract for electrical equipment of Lulu Island Railway has been awarded to the Canadian General Electric Co.—Supply of cast iron water pipe: Robertson-Godson Co., successful tenderers, $37,309.22. Other tenderers: Evans, Coleman & Evans, $37,329.45; William N. O'Neil & Co., $37,330.16; Stockler Co., $39,150; Boyd, Burns & Co., $38,283.50; J. E. E. Maclarlane, $38,372.32.

MONTREAL, QUE.—Branch bank, corner St. Denis and Mount Royal ave., for Bank of Hochelaga: Architect, A. H. Lapierre; stone and brick work, Deguise & Lemay; other trades, Labrecque & Mercure.—Reconstruction of building at north-west corner of Dollard and Notre Dame streets: Architect, A. H. Lapierre; masonry, Lewis David; steel work, Dominion Bridge Co.; carpenter and other works, Joseph Cote. External walls are to be of Montreal stone and Laprairie brick.

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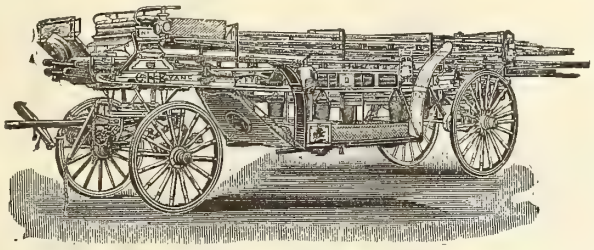

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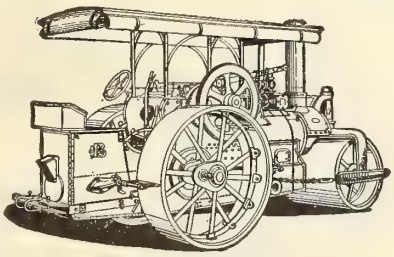

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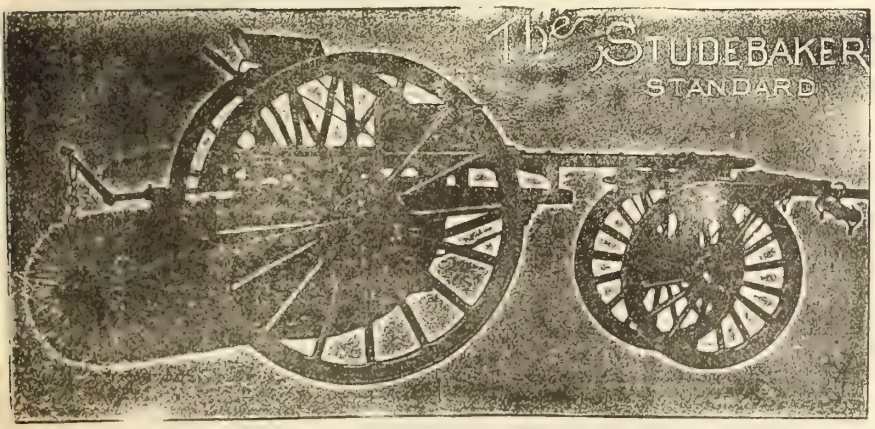

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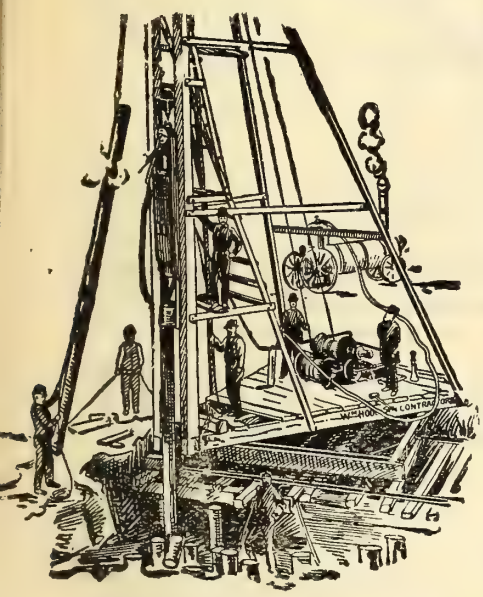

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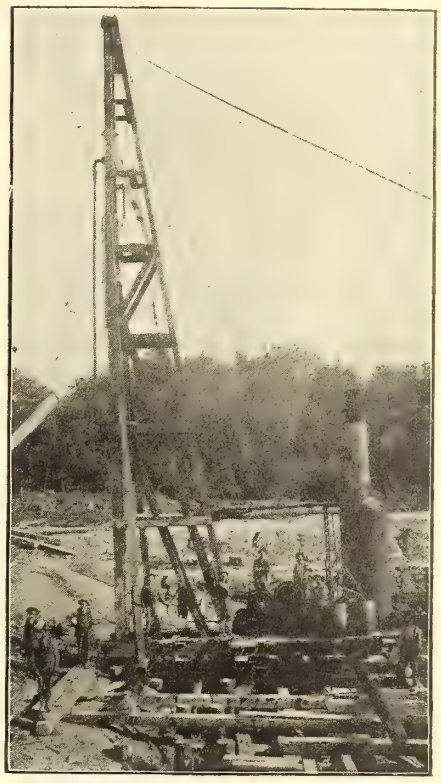

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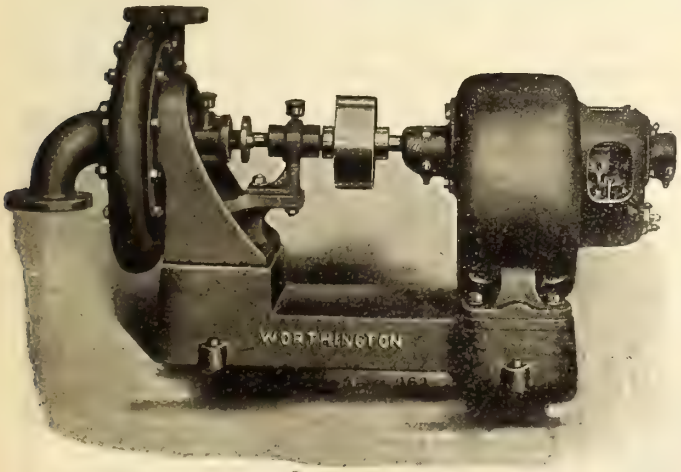

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BUSINESS NOTES.

Cournoyer & Gagne, painters, Montreal, have dissolved.

The death is announced of Patrick Moinough, roofer, Montreal.

Marsan & Robillard, contractors, Montreal, have registered.

The Sanitary Plumbing Co., Granby, Que., has been dissolved.

The dissolution is announced of Mercure & LeBlanc, Delorimier, Montreal.

The Calgary Lime & Cement Company, Calgary, N. W. T., has been incorporated.

Breck & Halliday, electrical supplies, Kingston, Ont., are reported to have assigned to John Geale.

Edward Turgeon and Arthur Joanette have registered in Montreal as plumbers under the firm name of Turgeon & Joanette.

Quinn & Allen, plumbing and hardware merchants, St. John, N. B., have dissolved, and the business will be continued by Mr. Quinn.

The brick and tile yard of McClarty & Boyle, situated near Goderich, Ont., will be sold by public auction on Friday, March 10th.

J. W. Leonard has been appointed manager of construction of the Canadian Pacific Railway Company's proposed railway between Sudbury and Toronto. Mr. Leonard will have his office in Toronto. The line is now graded between Sudbury and Byng Inlet and work upon the laying of the tracks will commence immediately upon the opening of spring.

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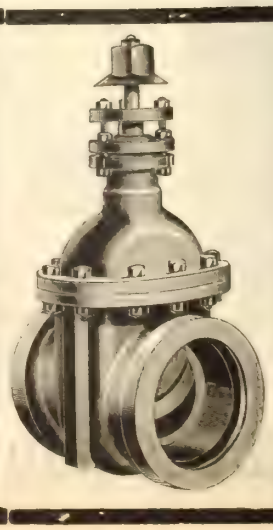
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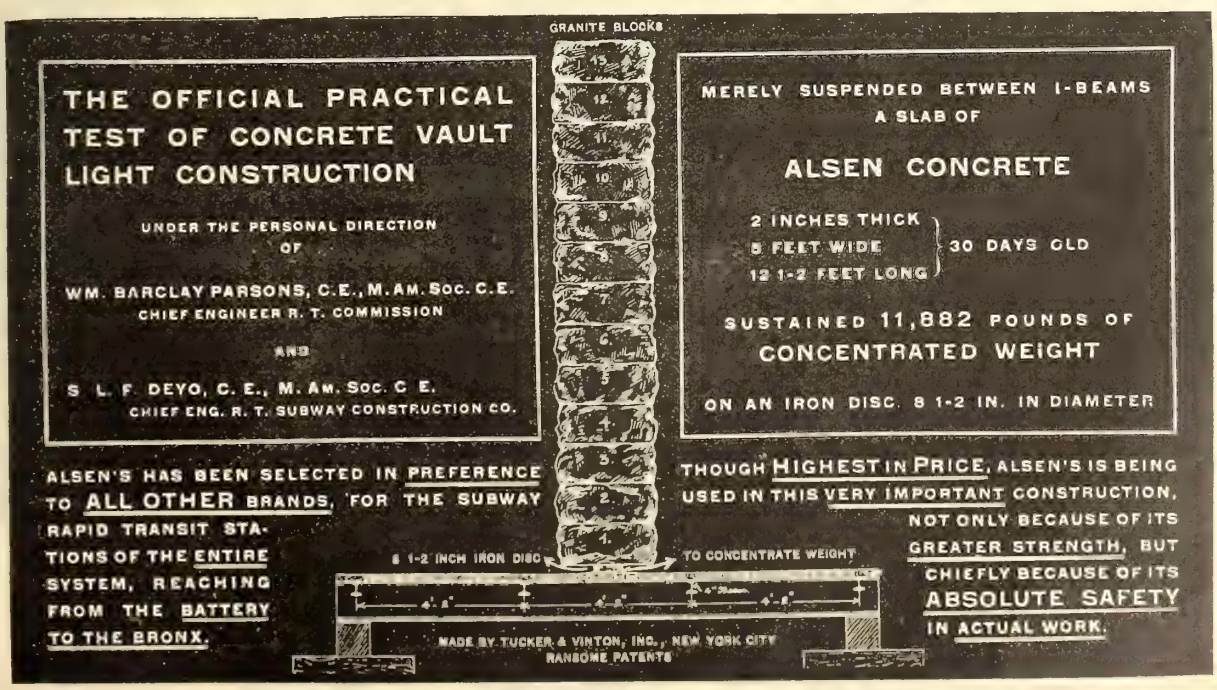

NEW COMPANIES.

Timothy Lynch & Company, Limited, Nelson, N.B., incorporated, capital $200,000, to carry on a general lumber business. Directors, Timothy Lynch, T. V. Lynch, T. L. Lynch, of Fredericton; J. D. McMillan, of Boiestown, and others.

Frances Gold Mines, Limited, Sault Ste. Marie, Ont., incorporated, capital $1,000,000. Directors, E. M. Stenabaugh, James Gostanian and Hector F. Reid.

Modern Brick & Stone Company, Limited, Toronto, incorporated, capital $200,000, to manufacture and deal in brick, stone, etc. Directors, John A. Mitchell, C. H. McFarlane, J. A. McFarlane, F. Sinclair and William Bullock.

Peterboro' Cereal Company, Limited, Peterboro', Ont., incorporated, capital $250,000. Directors, W. H. Meldrum, W. A. Collier, W. G. Ferguson, Adam Hall and R. R. Hall.

Archer Light, Heat & Power Company, Limited, Toronto, incorporated, capital $100,000, to manufacture stoves, electric furnaces, fixtures, etc. Directors, R. B. Younghusband, I. T. Moore and others.

Canadian Pneumatic Tube Company, Limited, Toronto, incorporated, capital $100,000. Directors, A. F. Lowry, J. A. Soule and others.

Bracebridge Furniture Company, Limited, Bracebridge, Ont., incorporated, capital $150,000, to acquire the plant and business of the Hess Furniture Company. Directors, J. D. Shier, E. W. Hay and others.

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(Coninued on page 14.)

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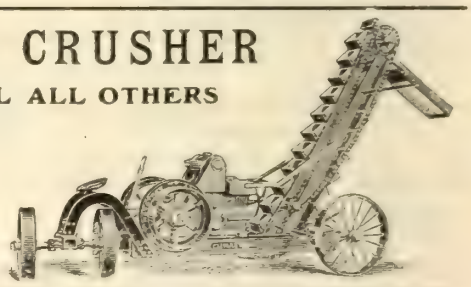

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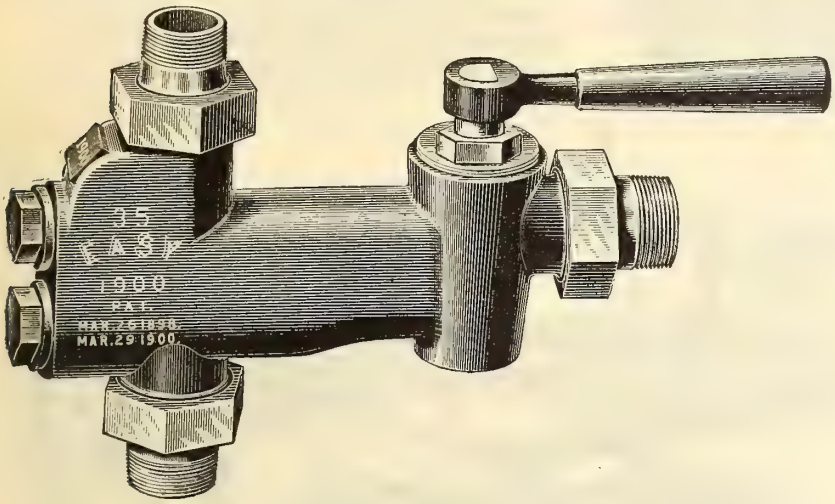

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Works at: LACHINE, QUE. THREE RIVERS, QUE LONDONDERRY, N. S.

Combined daily capacity: 175 Tons Pipes and Castings.

HEAD OFFICE CANADA LIFE BUILDING. MONTREAL

JAMES. THOMSON, President. J. G. ALLAN, Vice-President. JAMES. A. THOMSON, Secretary. JOHN GARTSHORE, Treasurer.

THE CARTSHORE-THOMSON PIPE & FOUNDRY CO.

LIMITED.

Manufacturers of

Flexible and Flange Pipe, Special Castings and all kinds of Waterworks Supplies

CAST IRON PIPE

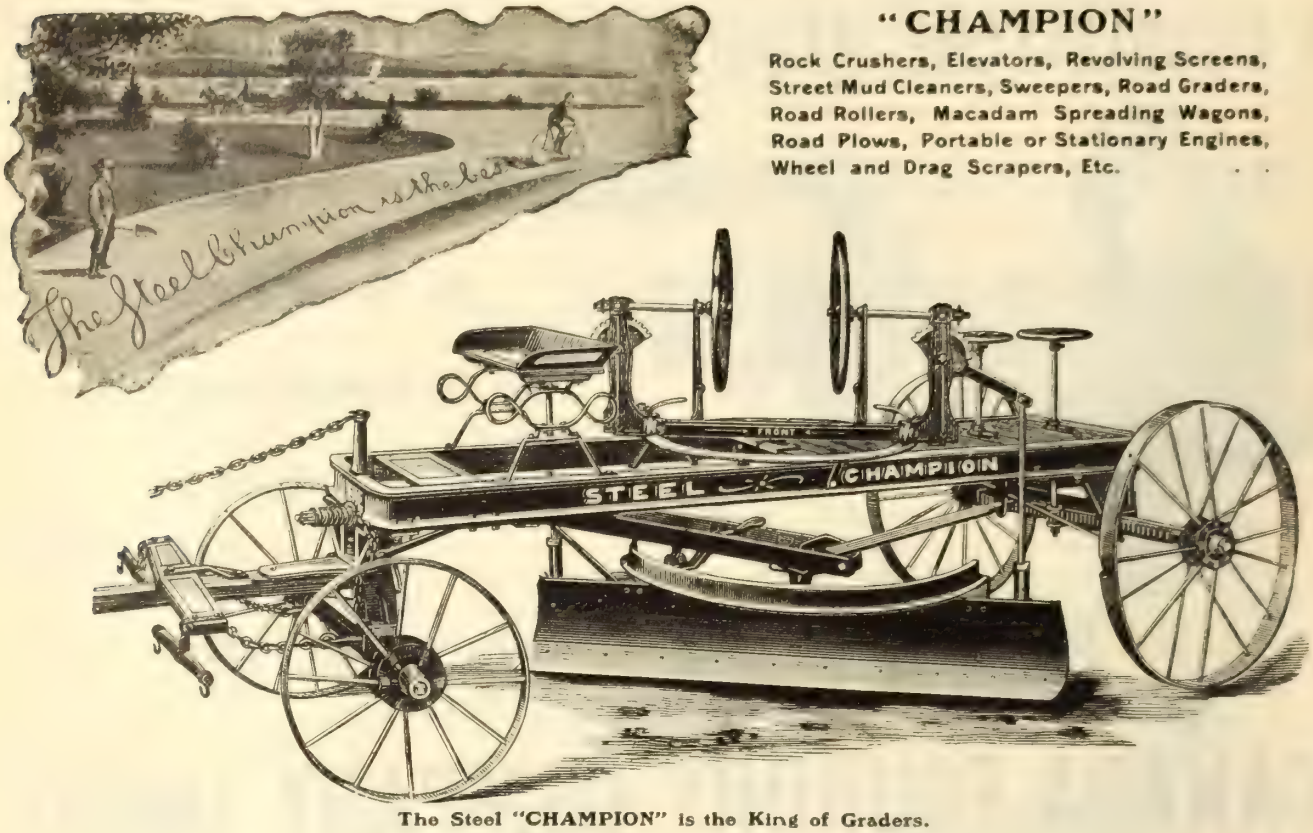
3 inches to 60 inches diameter.

For Water, Gas, Culvert and Sewer

HAMILTON, ONT.

THE GOOD ROADS MACHINERY COMPANY, LIMITED, Hamilton, Canada

The Steel "CHAMPION" Reversible Road Machine The Simplest, Strongest and Best. Don't it look it? Built for service. A strictly High-Grade Road Machine.



"CHAMPION"

Rock Crushers, Elevators, Revolving Screens, Street Mud Cleaners, Sweepers, Road Graders, Road Rollers, Macadam Spreading Wagons, Road Plows, Portable or Stationary Engines, Wheel and Drag Scrapers, Etc.

The Steel "CHAMPION" is the King of Graders.

All mechanics agree that the simpler the machine the more valuable it is. In complicated machines look out for trouble and expense

☞ *Send for latest printed matter and our 1905 Calendar to*

Good Roads Machinery Company, Limited,

JOHN CHALLEN, President and General Manager.

Address—Late Killey Beckett Works, 144 York Street, HAMILTON, ONT.

Prices of Building Material

(Continued from page 12.)

TORONTO PRESSED BRICK AND TERRA COTTA WORKS

	F.O.B. Milton, Ont.
Red No. 1	13 00
" 2	5 50
" 3	9 00
Buff No. 1	15 00
" 2	13 00
Brown	25 00
Roman Red	30 00
" Buff	35 00
" Brown	40 00
Hard Building	8 00
" Sewer	7 50
" Backing	6 00

Moulded and Ornamental from $2.00 to $5.00 per 100.
Terra Cotta String Courses and Frieze, from 50c. to $2.00 per ft. run.
Roofing Tiles, $20.00 per 1,000.

BEAMSVILLE BRICK AND TERRA COTTA CO.

	F.O.B. Beamsville.	F.O.B. Montreal.
Red Peerless Facing	$16 00	$21 50
" No. 1	14 00	19 50
" No. 2	12 00	17 50
" No. 3	10 50	15 00
Brown Peerless Facing	20 00	25 50
" No. 1	18 00	23 50
Buff Peerless	20 00	25 50
" No. 1	18 00	23 50
" No. 2	15 00	20 50

Moulded and Ornamental Brick from $3 to $10 per C:

Roman Red (Size 12 x 4 x 1½ in.)	30 00	35 50
" Buff " "	30 00	35 50
" Brown " "	34 00	39 50
Vitrified Paving Brick No. 1	18 00	23 50
" " " No. 2	15 00	20 50
Sewer	8 00	13 50
Roofing Tile	22 00	20 00

FIRE BRICK

TORONTO POTTERY CO.	F. O. B. Toronto Car lots	Less
Boyd	20 00 M.	25 00 M.
W. W. Co.	22 50 M.	27 50 M.
Savage Crown	28 50 M.	32 00 M.
Ramsay		30 00 M.

STONE.	Toronto.	Montreal
Common Rubble per toise, delivered at building	13 50	11 00
Large flat Rubble, per toise, delivered	14 00	18 00
Foundation Blocks, per c. ft.	40	50
Granite (Stanstead) Ashlar, 6 in. to 12 in., rise 9 in., per ft.		25
Amherst Red Sandstone Amherst, N.S., per cub. ft. on cars at quarry 40c. . . at quarry		40
Sackville, N.B., brown or red stone f. o. b. Quarries	45	45
Masillon	40	4[illegible]
Myers-Northport Red or River Philip Gray Sandstones f.o.b. per cubic foot	75	65
Stanstead granite paving blocks, 8 in. to 12 in. x6 in. x4½ in. per M		50 00
Granite curbing stone, 6x 20 in. per lineal foot		70
Buctouche Olive Freestone	85	65
Olive Sandstone (Indiantown, N. B)	80	70
Brown Sandstone (Sackville, N. B.	80	70
Moat red sandstone, per cu. ft.		60
Black Pasture buff stone per cu. ft.		50
Hagersville Crushed Stone per ton	1 25	
Nova Scotia blue grey, per cu. ft.		65
Coursers, 6 to 8 in. f. o. b. St. Mary's. per cord		7 00
Footing, 6 to 10 in. per cubic ft.		15
Dimension Stone, f. o. b. St. Mary's, per cubic foot		35
Granite (Laurentian Pink) Ashlar, 6 to 12 in., rise 9 in., per c ft.		25
Dimension Stock Granite, (Laurentian Pink) for building purposes, per c. ft., f.o.b. quarries		40
Do., for polishing purposes, up to 2 tons weight, per cubic foot		70
	F.O.B. Halifax	
Dimension stock granite for building purposes, per cu. ft.		40
Do., for polishing purposes, up to 2 tons weight, per cubic ft.		1 00
Paving sets, per thousand block		60 00

CREDIT VALLEY STONE.

	F.O.B. Quarries.
Rubble, per ton	60
Brown Coursing, up to 10 per sup. yard	1 75
Brown dimension, per cub.	70
Grey coursing, per sup. yard	1 25
Grey dimension, per cub. ft.	40

ROMAN STONE. F. O. B. Factory.

6" x 3" Sills, tooled seated and throated 35c. per lineal foot	
Window Heads and Ashlar, 40c per square foot	
Window and Door Quoins tooled 40c, per superficial foot	
String Courses, Molded or Ornamental, 6" to 12" rise 50c to $1 50 per lineal foot	
Hollow wall tooled finish 14" thick 40c. per square foot	

SLATE.	Toronto.	Montreal.
Roofing (per *square*).		
red	20 00	20 00
purple	9 00	10 00
unfading green	10 00	11 00
black	9 00	9 00
Terra Cotta Tile, per sq	23 00	25 0
Ornamental Black Slate Roofing		77 0

PORTLAND CEMENT

(CARLOADS.)

Canadian (Packages, 350 lbs. net.):	Toronto.		Montreal	
Rathbun's Star	1 70	2 00	1 80	2 00
Trowel			1 85	1 95
Samson	1 75	1 85		
Magnet	1 55	1 65		
Monarch	1 80	1 90	1 90	2 00
Hercules	1 75	1 75		
Imperial		1 80		
Crescent 375 lbs. gross	2 30	2 40	1 95	2 05
Diamond 350 " "	2 20	2 30	1 85	1 95
"Giant" Brantford	1 75	1 00	2 00	2 50
American (in Bags):				
"Helderberg"			1 90	2 00
Alsen				2 25
Lehigh, in bbls., 375 lbs.		2 35	2 10	2 20
" cotton sacks, 350 net		2 00		2 00
" paper bags		2 10		1 85
"Iron Clad" in bags 350 lbs.			1 80	1 90
"Invicta" " " "			1 65	1 70
"Adirondack" " " "			1 50	1 65
Vulcanite (The Toronto Pottery Co., Limited. Toronto) 350 lbs. per bbl.				
In paper bags		1 80		
" wooden bbls		2 00		
" cotton bags		2 10		
English in Barrels):				
Brook's Shoobridge Anchor	2 35	2 40	2 00	2 10
Belgian (in Barrels):				
"Josson"	2 60	2 70	2 20	2 30
"North's Condor	2 05	2 10	2 35	2 50
"White Cross"	1 90	2 00	1 75	1 80
Hammer			1 80	1 90
White Star	2 15	2 25	1 90	2 00
Samson			1 80	1 90
German (in Barrels):				
Offenbacher				2 35
Alsen	2 65	2 95		2 40
Dyckerhoff	2 65	2 75		2 40
Hercules	2 25	2 35		2 15
Keene's Superfine "Whites"	10 00	12 00	8 50	9 00
Keene's Coarse "Whites"	6 50	7 00	4 50	5 00
Fire Bricks, Newcastle, per M	27 00	32 00	18 00	22 00
" Scotch "	28 00	33 00	19 00	23 00
Plaster Calcined N.B.		1 70		1 60

CORRECTED UP TO FEBRUARY 21ST.

CANADIAN

Contract Record

A Weekly Journal of Public Works, Tenders, Advance Information and Municipal Progress

This Paper Reaches Every Week the Town and City Clerks, Town and City Engineers, County Clerks and County Engineers, Purchasers of Municipal Debentures and Leading Contractors in All Lines Throughout Canada

VOL. 16. TORONTO, MONTREAL, WINNIPEG, MARCH 1, 1905 No. 3

THE CANADIAN CONTRACT RECORD
PUBLISHED EVERY WEDNESDAY
As an Intermediate Edition of the Canadian Architect and Builder.
THE C. H. MORTIMER PUBLISHING COMPANY
of Toronto, Limited,
Subscription Price, $2 per annum, payable in advance.

CONFEDERATION LIFE BUILDING, TORONTO.
Telephone Main 2362.
Branch Offices:
38 Alliance Building, Montreal,
Telephone Main 2299.
720-721 Union Bank Building, Winnipeg.
22 Great St. Helen's, London, England.

Subscribers who may change their address should give prompt notice of same. In doing so give both old and new address. Notify the publishers of any irregularity in delivery of papers.

TENDERS WANTED

Town of Owen Sound Debentures.

Tenders will be received by the undersigned up to 6 o'clock p m. on FRIDAY, 17TH MARCH, 1905, for the following debentures:

Guaranteed by the County of Grey, $15,000 for improvement of Gas Plant; $10,000 for improvement of Electric Light Plant.

Dated 1st February 1904, payable 1st February, 1924, Interest 4 per cent. per annum half yearly, February and August.

By-laws are approved by A. Bruce, Esq., K.C., Hamilton.

No tender necessarily accepted.

A. J. SPENCER, Town Treasurer.
Owen Sound, 17th February, 1905.

EXTENSION OF TIME

TOWN OF EAST TORONTO

PROVINCE OF ONTARIO

TENDERS FOR PUMPING STATION

Tenders will be received by the undersigned up to 8 p m on MONDAY, MARCH 13TH, 1905, for providing the materials and labor required for the erection of a

Reinforced Concrete Pumping Station at the foot of Beech Ave., East Toronto.

Plans and specifications may be seen and forms of tender obtained at the office of the undersigned, or at the head office of JOHN GALT, C. E. & M. E., Chief Engineer, Toronto.

A certified bank cheque for $300 must accompany each tender.

W. H. CLAY, Clerk,
Town of East Toronto.

Corporation of the Town of Portage La Prairie.

TENDERS for CEMEMT

Sealed tenders addressed to the undersigned will be received up to 3 p. m., MARCH 17th, 1905, for

3000 BARRELS OF PORTLAND CEMENT

(more or less)

All tenders must be accompanied by a marked cheque made payable to the treasurer of the town of Portage La Prairie for 5 per cent. of the amount of the tender, as a deposit, which will be returned in case of non-acceptance.

Specifications and forms of tender can be had at the office of the undersigned.

The lowest or any tender not necessarily accepted.

F. A. WHITAKER, Secretary-Treasurer,
Portage La Prairie, February 22nd, 1905.

Tenders for Sewers and Waterworks

Sealed tenders addressed to M. W. Flannery, Town Clerk, will be received by the Corporation of the Town of North Bay, Ontario, until 12 o'clock noon of MARCH 20th, 1905, for the various works in connection with

1.—Change of the source of the water supply.
2.—Installation of a system of sewers and their appurtenances.

The system of waterworks comprises the following:—

(A) Laying 15,000 feet of 10" cast iron delivery pipe, with necessary valves, etc., with 330 feet of 12" intake pipe.
(B) New pumping station of brick 60' x 24', and Engineer's dwelling of brick veneer.
(C) Supply and erection of 75 H. P. Boiler.
(D) Steel stack 30" diameter, 60 feet high.
(E) Removal and re-erection of present plant.

The system of sewers comprises the following:—

(A) Supplying and laying 20,000 feet of 8"-10"-12" sewer pipe with manholes, flush tanks, etc.
(B) Construction of two Septic Tanks of concrete, each 100' x 40'.

The corporation do not bind themselves to accept the lowest or any tender, and reserve the right to award the whole or any portion of the contract according to the various sections into which the tender is divided.

Plans and specifications can be seen, and all information obtained at the office of the Town Engineer, L. O. Clarke

A marked cheque equal to 5% of the amount of the tender must accompany every bid.

M. W. FLANNERY, Town Clerk.

CITY OF BRANTFORD

Tenders for Paving Brick, Sewer Pipe and Lumber.

Sealed tenders addressed to R. W. Robinson, Esq., Chairman of the Board of Works, in care of the City Clerk, Brantford, Ontario, will be received until 12 o'clock, noon, on

THURSDAY, MARCH 16TH, 1905,

for the supply of Paving Brick, Sewer Pipe and Lumber required by the City of Brantford for 1905 Specifications and forms of tender may be obtained on application to the City Engineer. Each tender must be accompanied by a marked cheque payable to the order of the City Treasurer for the amount called for in the form of tender. The lowest or any tender not necessarily accepted.

T. HARRY JONES, City Engineer.
City Engineer's Office,
Brantford, February, 25th, 1905.

PUMPING ENGINE

Tenders will be received, by registered post only, addressed to the Chairman of the Board of Control, City Hall, Toronto, Candaa, up to noon on TUESDAY, the 21ST DAY OF MARCH, 1905, for the erection of either a five-million or a six-million imperial gallon, triple expansion, fly-wheel pumping engine.

Envelopes containing tenders must be plainly marked on the outside as to contents.

Specifications may be seen and forms of tender obtained at the office of the City Engineer, Toronto.

The usual conditions relating to tendering as prescribed by city by-law must be strictly complied with, or the tenders will not be entertained.

The lowest or any tender not necessarily accepted.

THOMAS URQUHART (Mayor),
Chairman Board of Control.
City Hall, Toronto, February 16th, 1905.

TENDERS FOR ELECTRIC LIGHT

Sealed tenders for all the work and materials necessary for the installation of a Complete Electric Light Plant in Calgary, Alta. will be received until noon on THURSDAY, MARCH 19th, 1905.

The work is divided into the following contracts:

"A" Electrical equipment in power house.
"B" Engines and connections.
"C" Boilers and connections.
"D" Power house and chimney.
"E" Poles
"F" All outside work.
"G" Arc lamps, wire insulators, etc.

Specifications may be obtained from the city engineer, Calgary, on receipt of $3 00, which will be returned when the specifications are returned.

The lowest or any tender not necessarily accepted.

F. W. THOROLD, B. A., City Engineer,
Calgary, Alta.

[FOR ADDITIONAL ADVERTISEMENTS FOR TENDERS SEE NEXT PAGE.]

OLD DOORS WANTED

I am open to buy a few walnut doors from old buildings being torn down. Please state sizes, prices, or telephone M 3701. JAS. ROBERTSON, 10 Front St E., Toronto.

TENDERS

Bulk or Separate Tenders will be received by the undersigned up till 6 o'clock p. m. of SATURDAY, MARCH 4, 1905 for the various trades required in the erection of a

Collegiate Institute Building, Galt, Ont.

Plans and specifications may be seen and information obtained from the Secretary at Galt, Ont., or at the offices of the Architects, Stewart & Witton, Hamilton, Ont.

The lowest or any tender not necessarily accepted.

THOMAS CARSCADDEN,
Secretary, Galt, Ont.

TENDERS

Y. M. C. A. Building, Brandon

Sealed tenders will be received until 2 p. m., Monday, March 20, 1905, at the office of the Secretary, A. E. McKenzie, Brandon, Man., for the erection and completion of a four-story brick building for the Young Men's Christian Association, Brandon, in accordance with the plans and specifications.

Separate tenders will be received on the following "A" general contract, including all materials and workmanship under the following headlines of this specification: (1) Masonry, (2) Carpentry, (3) Iron Work, (4) Plastering, (5) Painting and glazing, (6) Tiling, (7) Sheet metal and composition roofing, (8) Electric lighting, (8) Rough hardware, and (10) Hardware trim. "B" Plumbing, "C" Electric light fixtures

Plans and specifications may be seen at the office of the Secretary, A. E. McKenzie, Brandon, Manitoba, and the Y. M C. A. building, Winnipeg, and all bids must be in accordance therewith and on a form which may be obtained from the secretary. A certified cheque for three per cent. for the amount of the bid, made payable to Secretary A. E. McKenzie, Brandon, Manitoba, must accompany each proposal. These cheques will be held until the contract is let, as a guarantee that the bidder will enter into satisfactory contract and give satisfactory bond for the faithful performance of the work, and in case any bidder called upon shall fail to fulfil these requirements within ten days after the date of notification of the award, he shall forfeit said certified cheque to the building committee as assessed and liquidated damages. All cheques except those so forfeited will be returned after the contract has been signed. The committee reserve the right to reject any or all bids.

A. E. McKENZIE,
Secretary Building Committee.

Brandon, February 18, 1905.

TOWN OF

PORTAGE LA PRAIRIE

PROVINCE OF MANITOBA

WATERWORKS AND SEWERAGE WORKS

Sealed tenders will be received by the Secretary-Treasurer until 8 p. m. on

WEDNESDAY, APRIL 12th, 1905,

for the following sub-divisions of the proposed works:

Contract "A"—Pipelaying on Water Works and Sewerage Works.
Contract "B"—Power House.
Contract "C"—Water Tower.
Contract "G"—Pumping Machinery.
Contract "H"—Boilers.

Plans and specifications, &c., may be seen at the office of the Secretary-Treasurer, Portage la Prairie, or at the office of the Chief Engineer, 103 Bay Street, Toronto, after March 6th, 1905.

F. A. WHITAKER, Esq., Sec.-Treas.
EDWARD BROWN, Esq., Mayor.
WILLIS CHIPMAN, C.E., Chief Engineer, Toronto, Ontario.

THE BITULITHIC PAVEMENT

We are prepared to furnish Municipal Corporations and Responsible Contractors with the necessary plant, bitumen for the three courses, expert advice and laboratory testing on a royalty basis under our patent for laying the Bitulithic Pavement. We are also prepared to instal Municipal Paving Plants.

WARREN BROTHERS COMPANY,
93 Federal St., Boston.

CONTRACTS OPEN.

ELM CREEK, N.W.T.—A $10,000 school will be built here.

CARLYLE, N. W. T.—The Methodists intend building a church.

NELSON, B.C.—W. J. Farmer purposes building a store in Castlegar.

EAST TORONTO, ONT. — F. Mothersill will erect three dwellings on Swanwick ave.

HARROW, ONT. — Chas. Richardson & Son purpose building a new hardware store.

MONCTON, N. B.—The question of purifying the water supply is under consideration.

LETHBRIDGE, N.W.T. — Bentley & Co. will likely erect a three-storey brick building.

GLASGOW STATION, ONT.—The Trustees of S.S. No. 13 purpose building a new school.

ROTHESAY, N.B. — Robert Matthews, whose summer residence was burned recently, will rebuild.

BARRIE, ONT.—L. R. Trevelyan has purchased a lot on Cumberland street on which to build this spring.

ST. MARY'S, ONT.—Knox church congregation are considering sites with a view to rebuilding their church.

FOREST, ONT.—C. E. Burrell wants tenders by March 15th for alterations and restoration of Methodist church.

CARLYON, ONT. — W. J. Irvin desires tenders by Saturday, 4th inst., for erection of a brick clad school house.

MILTON, ONT.—A committee are considering plans for House of Refuge for this county, to cost about $25,000.

SOUTHAMPTON, ONT.—The Saugeen Mineral Water Co. propose to erect a concrete block building this spring.

WALLACEBURG, ONT. — M. J. Hurley desires bids by 10th inst. for purchase of $7,000 4 per cent. debentures.

VERNON, B.C.—The Board of Trade are likely to take steps to form a company to install a local telephone system.

ALMONTE, ONT. — Subscriptions are being solicited for a new Sunday school building for St. Andrew's church.

ST. THOMAS, ONT.—It is estimated that the proposed improvements to the waterworks plant will cost about $30,000.

ESTERHAZY, N. W. T.—A. Ford desires tenders by March 31st for erection of stone and brick school house here.

GAINSBOROUGH, N. W. T. — F. Lockerbie will receive bids up to March 10 for purchase of $1,000 6 per cent. debentures.

LEAMINGTON, ONT.—Arthur Baker has had plans prepared for a residence to be built on Marlboro street west, to cost $3,000.

MEDICINE HAT, N.W.T.— John Galt, C.E. & M.E., Toronto, is preparing plans for a sewerage system to be constructed here.

NEW LISKEARD, ONT.—A site has been purchased on which to build a new school. John Wilson is Chairman of the Board.

SARNIA, ONT.—J. D. Stewart, town clerk, wants tenders by Monday, 6th inst., for construction of granolithic pavements during the year.

BRANTFORD, ONT. — The Telephone Committee have recommended that the council invite tenders for a municipal telephone system.

NIAGARA FALLS, ONT.—Bond & Smith, architects, Toronto, have prepared plans for the new Christ Church Sunday school building.

EAST TORONTO, ONT.—The time for receiving tenders for the erection of a pumping station for the town has been extended to Monday, March 13th.

PARRSBORO, N.S.—E.T. P. Shewen, government engineer, was here last week making a survey of the harbor with a view to proposed improvements.

OUTREMONT, QUE.—J. Kruse is asking for tenders for the supply of 1,000 barrels of Portland cement for city purposes, to be delivered during the summer.

EAST TEMPLETON, QUE. — Steps will be taken this spring towards the building of a wharf, the government having made an appropriation for the work.

PARRY SOUND, ONT.—It is proposed to make extensive improvements to the electric light plant and dam. An electrical engineer will likely be engaged to report.

NANAIMO, B. C.—The British Columbia Telephone Co. have absorbed the Nainamo Telephone Co. and will make extensive improvements to the system here.

NAPANEE, ONT.—The Town Council will apply to the Legislature for authority to issue $40,000 of debentures for the purpose of installing an electric light plant.

PORTAGE LA PRAIRIE, MAN. —F. A. Whitaker, Secretary Treasurer, will receive tenders up to March 17th for supply of 3,000 barrels of Portland cement.

RENFREW, ONT.—T. B. Caldwell, M.P., has submitted to the Town Council a proposition to furnish the town with electric power from a plant to be installed at Calabogie.

BERLIN, ONT.—At a public meeting held here last week, a special committee was appointed to take steps towards the establishment of a rural telephone system for Waterloo county.

CARBERRY, MAN.—The Council favor the establishment of an electric light plant here, and negotiations to that end are now being carried on with Mr. Boise, of Portage la Prairie.

NEW HAMBURG, ONT.—Tenders for building an addition to the public school will be received by J. Ernst up to Wednesday, 15th inst. Plans by C. Knechtel, architect, Berlin.

WOLSELEY, N. W. T.—Adams & Blute will receive tenders up to 8th inst. for a frame and brick veneered hotel to be built at Fillmore. Plans by C. Caron, architect, this place.

BRIDGEBURG, ONT.—G. O'Connor has purchased a building lot on Lewis street.—J. W. Aikens intends building a new hotel here, two stories, brick, 50 bedrooms, elevator, cost $20,000.

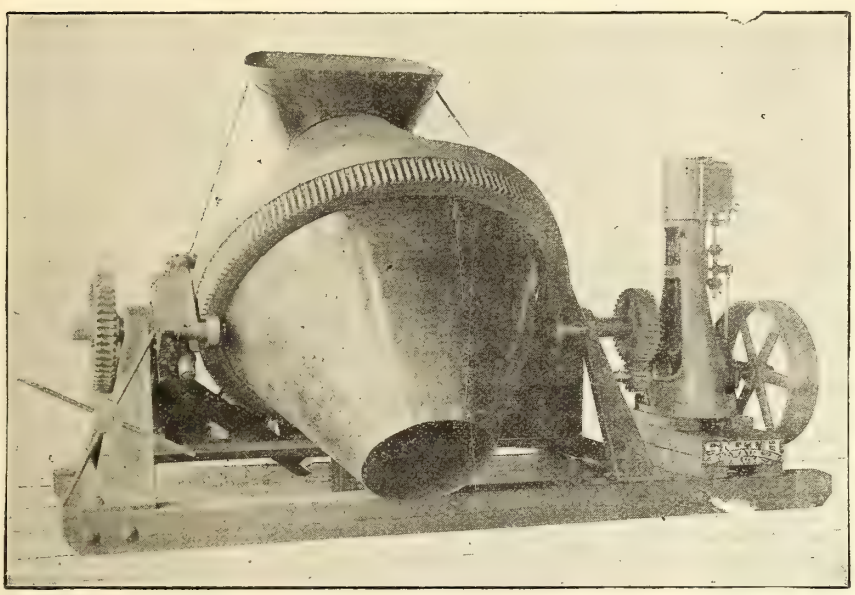
FORT FRANCES, ONT. — The by-law to raise $20,000 for erection of town and fire hall and purchase of pumping engine, chemical engine, etc., will be submitted to the ratepayers on March 6th.

CHARLOTTETOWN, P. E. I. — The ratepayers having declared strongly in favor of municipal ownership of the electric light plant, it is likely that the council will take steps at once to install a plant.

Concrete Equipment

SMITH

S M I T H



S M I T H

SMITH
CONCRETE MIXERS

In use on practically every important Concrete Contract in Canada.

"SMITH MIXERS"
are unexcelled for
EASE OF OPERATION,
SPEED
and
DURABILITY
Perfect mixing of
material guaranteed

—✪—

"CYCLOPEAN" BUCKETS
Dump their load
in a concentrated mass
without injury to forms

We supply
complete concrete handling
outfits, including

ROCK CRUSHERS
with elevators and screens,
CONCRETE MIXERS
In various sizes and styles,
CONCRETE BUCKETS
DUMP CARS
DERRICKS
HOISTING ENGINES
CONCRETE TOOLS
ETC., ETC.

PLANS AND SPECIFICATIONS
ON APPLICATION

CYCLOPEAN BOTTOM DUMPING CONCRETE BUCKET
Furnished in Several Sizes and Styles with Hand or Rope Tripping Device.

W. H. C. MUSSEN & CO.
MONTREAL

MEAFORD, ONT. — The Trustee Board of the Methodist church have appointed a committee to engage an architect to prepare plans and estimates for enlarging the church to double its present capacity.

CALGARY, N. W. T. — F. W. Thorold, city engineer, is asking for tenders up to Thursday, March 16th, for the installation of a complete electric light plant. The work is divided into seven sections.

AMHERSTBURG, ONT. — It is understood that the Dominion government propose to make extensive improvements in the Detroit river at this place. The river will be excavated to a depth of 20 feet from the present channel.

GUELPH, ONT.—John Yule has recommended that the City Council employ a gas expert to report on the best method of extending the gas works. The electric light plant has also reached its limit and may be extended in the near future.

GODERICH, ONT.—A committee, consisting of C. A. Reid, W. T. Murney and J. B. Kelly, have reported to the Town Council on the improvement of the waterworks and electric light plants. Extensive alterations and additions are proposed, including the installation of new generators.

BANFF, N.W.T.—John Galt, C.E., Toronto, at the request of the Department of the Interior, has made investigation and prepared plans for a waterworks and sewerage system, and his report with estimates of cost, etc., has been submitted for consideration.

BRANDON, MAN.—A. E. McKenzie, Secretary Building Committee, is asking for tenders up to Monday, March 20, for the erection of a four-storey brick building for the Young Men's Christian Association. Plans at the office of the secretary and at the Y.M.C.A. building, Winnipeg.

FREDERICTON, N. B.—The City Council will apply for authority at next session of legislature to borrow $20,000 for extending the waterworks system.—C. H. LaBillois, Commissioner of Public Works, wants tenders by 13th inst. for rebuilding Red Bank bridge over Northwest Miramichi river.

GRAND FALLS, N.B.—Capitalists comprising the Electro-Manganese Co., and including Barton E. Kinman, of New York, and Fred Sayles, of Providence, R.I., propose to develop the water power at this place and build pulp and paper mills. The project is calculated to cost upwards of $3,000,000.

MOOSE JAW, N.W.T.—The Bank of Hamilton have acquired property on which to erect a fine bank building. — Tenders are being taken for the new school house to be built this year.

PETERBORO.—D. Hewitt, engineer of the Dominion Public Works Department, was here last week taking measurements in connection with the site of the proposed armories to be built on Murray street. Work will be commenced this spring.—It is likely that a new fire station will be built in the near future.

NEW WESTMINSTER, B.C. — Plans have been prepared for a new machinery hall on the Exhibition grounds. —The City Council have finally decided to grant a lease of certain property to the Small & Bucklin Co., who will erect a saw mill.—An addition will be built to No. 2 fire hall.

ORILLIA, ONT. — Upwards of $12,000 has been subscribed towards the proposed Y.M.C.A. building.—The East Simcoe Agricultural Society purpose rebuilding the Agricultural Hall, at a cost of about $5,000.—The Board of Trade have appointed a committee to report upon the advisability of installing a municipal telephone system in this town.

LONDON, ONT. — The Dominion government are asking for tenders up to March 9th for alterations and additions to the post office building in this city. Plans at office of H. C. McBride, architect.—W. G. Murray, architect, has taken tenders for additions and alterations to residence of E. J. MacRobert, Queens ave., also residence for S. Jones and T. Treblecock.

PORT ARTHUR, ONT.—The by-law to grant a loan of $25,000 to the Atikokan Iron Co. to establish a blast furnace here will be submitted to the ratepayers on March 22nd. —Darling & Pearson, architects, Toronto, have prepared plans for a new bank to be built here by the Canadian Bank of Commerce, to be 50 × 45 feet, two stories, brick and stone.

INDIAN HEAD, N.W.T.—Surveys have been made and plans prepared by John Galt, C.E., of Toronto, for a complete system of water supply, sewerage and electric lighting, the cost of which will run about $150,000. The water supply will be taken from springs at the foot of the Squirrel Hills, a distance of

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seven miles from town, at an elevation of 160 feet.

SARNIA, ONT. — Plans for the North Ward sewer have been approved by the council and the work will be proceeded with immediately. Tenders for supply of water pipe will be invited by the Fire and Water Committee. Tenders for construction of a brick culvert in the bottom of the present Confederation street drain across Christina street will be received up to 4th inst.

OWEN SOUND, ONT.—Forster & Clark, architects, have prepared plans for new Y.M.C.A. building to be built here, three stories and basement, 55 × 56 feet. Tenders will likely be invited and work commenced this spring.—The C.P.R. yards at this place are to be re-arranged.—The Town Council are in favor of constructing a subway under the C.P.R. tracks near the site of the Carney Lumber Co.'s proposed saw mill.—Plans are being prepared for a new school house to be built in the east end.—The council are considering the erection of a mortuary chapel.

VICTORIA, B.C. — The Canadian Pacific Railway will build another wharf in James Bay, 600 feet long, with warehouses, sheds, etc.—It is proposed to expend about $11,000 on improvements to the civic electric light plant, to include new dynamo, three transformers and 150 arc lamps.—Arthur L. Adams, waterworks expert, has made the necessary surveys in connection with his report upon the extension and improvement of the civic water system, but the report will not likely be submitted for two or three weeks.—The Capital City Canning & Packing Co. have leased five acres of land fronting on Esquimalt harbor as a site for their proposed buildings.

OTTAWA, ONT.—The City Council will be asked to provide $20,000 for building a new fire station in the Glebe and another near the By-ward market.—McFarlane & Douglas are this week taking tenders on building an addition to their factory on Slater street.—Tenders for building an addition to the western block of the Parliament Buildings will likely be called for this week. An extra storey is also to be added to the Printing Bureau.—A three-storey addition will be built this spring to the Corry block, near the Central station, and two stories will be added to the Fruit Exchange building on Nicholas street.—A committee has been appointed to report upon the advisability of establishing a scavenging system, estimated to cost about $32,000.

HAMILTON, ONT.—It is said that the Vulcan Soot Cleaner Co., of Dubois, Pa., have decided to build a large factory in this city.—The Bishop of Niagara has set aside a new parish in the north-east end of this city, where a new church will likely be built.—It is stated that extensive improvements to the post office will shortly be commenced. — Stewart McPhie, architect, has been granted a permit for alterations to Treble's store, cor-

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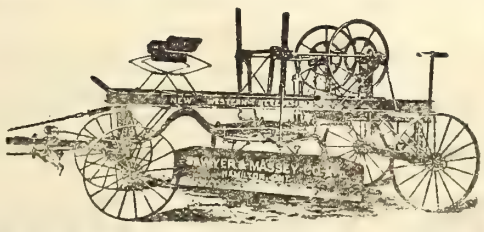

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ner James and King streets, cost $1,500. —R. & J. Poag have purchased the northwest corner of Park and Sheaffe streets as a site for four modern brick dwellings. —George H. Milne will, it is said, shortly build two brick dwellings on South West ave., and R. A. Thomson has purchased an 80-foot lot on South Wentworth street on which he will likely build a fine residence.—J. H. Robinson, hotel proprietor, Merrick street, is talking of building a $6,000 residence on Queen street south.

VANCOUVER, B.C.—The new building for E. P. Davis, K.C., for which Dalton & Eveleigh have prepared plans, will be five stories, the four lower stories to be of cream-colored glazed brick and the top storey of terra cotta. The lower floor will consist of two large stores, the remainder of offices; estimated cost, $60,000. — The Salvation Army are having plans prepared for a new barracks in this city.—The Board of School Trustees have decided to call for competitive plans for two four-roomed school buildings, one at Grandview and the other at Cedar Cove. — The City Council will receive tenders up to March 14th for supply of three fire engines.—The North Vancouver Ferry & Power Co. propose to build a new wharf at the foot of Power ave.—It is reported that engineers of the Vancouver, Westminster and Yukon Railway Co. have been instructed to make preliminary surveys at North Vancouver and Howe Sound for a proposed line to the north.

MONTREAL, QUE.—J. O. Turgeon, architect, has prepared plans for the enlargement and reconstruction of the building belonging to the Berthelot Estate a 55 St. Francois Xavier street. Another storey will be added, and the four large offices on the three upper floors will be converted into 16 smaller offices. The entrance from St. Francois Xavier street will be tiled with Venetian marble and Mexican onyx, and the stairs will be replaced with marble steps and wrought iron railings. An electric elevator will be installed.—W. E. Doran, architect, has prepared plans for the extension of the Lovell & Christmas Co.'s cold storage plant on King street.—The St. Bridget's Refuge on Lagauchetiere street are considering plans for the enlargement and improvement of their building.—Henry Morgan & Co. have purchased additional property adjoining their departmental store and if the cancellation of the present leases can be secured, will immediately commence the construction of additions to their store.—The talk of rebuilding the Victoria Rink is being actively revived and it is said that plans will shortly be asked for. The Stadium Rink directors maintain that they will rebuild their rink this year.—The Catholic Sailors' Club have decided to erect a new hall on St. Peter street, at an estimated cost of $18,000. W. E. Doran is the architect.—A. F. Dunlop, architect, has about completed plans for C. W. Lindsay's seven storey building to be erected on south side St. Catherines st., just west of Peel. The material will be either English or Ohio sandstone and steel, with Stanstead granite base.—L. O. David, City Clerk, desires tenders by Thursday of this week for alterations to No. 2 fire station, St. Gabriel street.—The City Clerk is asking for tenders up to 14th inst. for erection of a cafe and terrace at the Lookout on Mount Royal Park. Plans at office of F. G. Todd, Renouf building.—Building permits have been granted as follows: Delisle Estate, four-storey building, 40 × 40 feet, 1,811 Notre Dame street, cost $20,000; Louis Gervais, two-storey house, 25 × 31 feet, 124 Marie Anne street, cost $2,400; L. Dussault, two-storey house, 24 × 38, Chambord street, cost $2,300; Jos. St. Pierre, two-storey house, 24 × 60 feet, 213 Centre street, cost $4,500; Jossue Milot, three-storey house, 34 × 66 feet, 166 Montcalm street, cost $5,000; Estate of late Marcus Doherty, two three-storey houses, 50 × 80 feet, Mance street, cost $17,550.

WINNIPEG, MAN. — James H. Cadham, architect, is asking for tenders for erection of two additional stories to the Gurney-Tilden Co.'s warehouse on Rupert street.—Tenders are being taken this week for erection of a brick hotel on Main street for J. Rosenthal. Plans by H. S. Griffith, architect.—The Trades and Labor Council have decided to take steps to acquire or erect a building suitable for their purposes.—The Bell Telephone Co. will immediately let contracts for additions to their building.—John Schwab, architect, is this week taking tenders for erection of a four-storey terrace.—Foley, Lock & Larson, wholesale grocers, have had plans prepared for an addition to their warehouse, five stories high, with a frontage of 116 feet and depth of 100 feet. This addition will be utilized as a biscuit and candy factory.—The Canada Malting Co., of Toronto, have purchased two acres of property in the suburbs of this city and purpose erecting an elevator of 150,000 bushels capacity and the necessary malting houses.—The Salvation Army propose to erect in this city a shelter for men.—Allen Hazen, sanitary expert, of New York, has submitted to the City Council his report on the sanitary system and water supply of the city. He recommends that steps be taken to provide a daily water supply of 6,000,000 gallons. Four schemes are reported upon, their estimated cost being: Winnipeg river, including 55 miles of 48-inch riveted steel pipe, $5,150,000; Poplar Springs, not treated, $1,978,000; river water filtered in connection with present works, $1,545,000; river water filtered and softened, $1,500,000. — Hugh Sutherland, of the Canadian Northern Railway, states that it is the intention to proceed at once with the erection of terminal buildings as outlined some time ago. The depot will be located on Main street south, near Broadway.—Contracts will be awarded at an early date for the proposed Broadway church, for which H. C. Stone has prepared plans; estimated cost, $85,000.—The following works are to be undertaken by the city: Sewer on Corydon ave., Jessie ave. and Lilac street, cost $39,000; asphalt pavement on Burrows ave., cost $26,350; asphalt on Maryland street, from Portage ave. to Preston ave., cost $5,375.—Lieut. C. A. Millican has prepared plans for the new rifle range buildings to be built at Surgeon's Creek, and tenders for the work will be received up to 17th inst.—C. J. Brown, City Clerk, is asking for tenders up to 8.30 p.m. on Tuesday, March 14, for supply of a quantity of sewer pipe and junctions.—The Sault Ste. Marie Railroad, which is operated by the Canadian Pacific, propose to construct a large bridge over the Red river about 20 miles north of Grand Forks. It will require 26,000 lineal feet of piling and 400,000 feet of bridge timber.

TORONTO, ONT. — J. Francis Brown, architect, Board of Trade Building, is taking tenders on erection of a house on Cottingham street.—C. W. Postlethwaite, Harbor Master, will receive tenders up to noon on Monday, 6th inst., for dredging required in the harbor this season.—The Railway Commissioners have issued the final order for the expropriation of property in this city for railway purposes, and it is expected that the erection of the new Union depot will now be proceeded with.—In the Dominion Parliament last week $60,000 was voted for the new postal station to be built at corner of Charles and Yonge streets, and $40,000 for the extension of the armories.—Plans have been prepared by the Superintendent of School Buildings for the new school to be built on Broadview ave., which is estimated to cost $80,000.—Notice has been given of the intention of the Council to construct an asphalt pavement on University ave., from Queen to College street, at cost of $21,998, and a tile pipe sewer on Van Horne street, from Dovercourt road to Ossington ave., cost $2,260.—The City Engineer has decided to recommend that four centrifugal pumps of 5,000,000 gallons capacity each be placed in the new addition to the main pumping station, two to be run by electric motors and two by steam turbines. The addition to the station will be built by day labor.—The following estimates for improvements on

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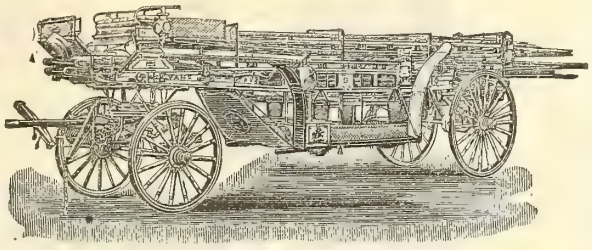

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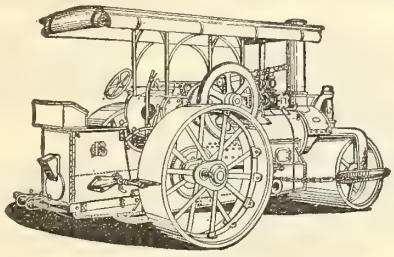

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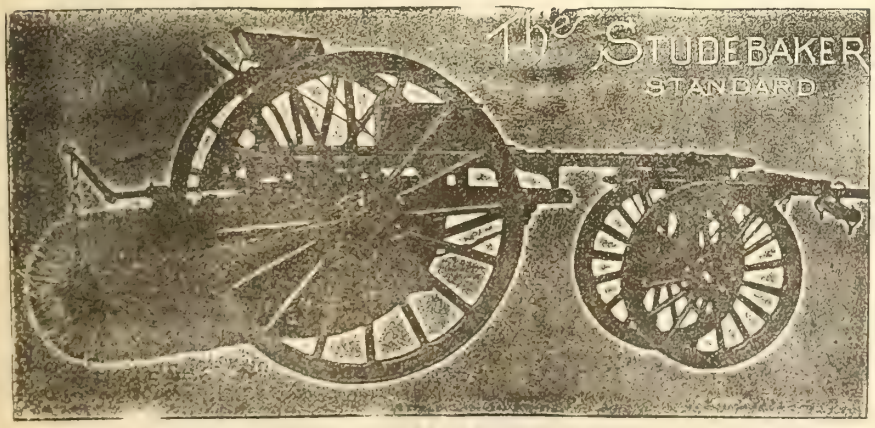

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the Island have been passed : Waterworks system, $3,300 ; two sand pumps, $13,500 ; new boiler foundations and pumping station, $2,000 ; repairs to shore, $1,000 ; machine for removing weeds from the lagoons, $1,200.—The Canadian Bank of Commerce have purchased the south-west corner of Carlton and Parliament streets and intend building a branch bank thereon. — R. J. Fleming, manager Toronto Railway Co., has advised the City Engineer that his company are prepared to lay tracks from Front street over Bathurst street to the Exhibition grounds provided the city will construct the necessary bridges and lay the road bed.-John Ryan, city engineer of St. Johns, Newfoundland, is expected to arrive in the city this week to confer with John Galt, C.E. & M.E., consulting engineer for the waterworks system now under construction in that city, regarding plans for the coming season's work.—G. M. Miller & Company, architects, are preparing plans for a Methodist church to be built on St. Clarens ave., to cost about $25,000.

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SPRINGHILL, N.S. — New Y.M.C.A. building : McLennan Bros., contractors.

LANARK, ONT.—Steel bridge over Clyde river : Jenks & Dresser, successful tenderers.

SIMCOE, ONT.--$13,000 debentures: William C. Brent, Toronto, purchaser, $13,108.

KINGSTON, ONT. — Portland cement for the city : Dalton & Sons, successful tenderers.

MEDICINE HAT, N. W. T. — Sinking another deep level natural gas well : J. A. Grant, contractor.

AMHERSTBURG, ONT. — $6,675 4½ per cent. 20-year debentures : Wood, Gundy & Co., Toronto, purchasers, at 99½.

OSHAWA, ONT.—$10,900 town debentures : Canadian Securities Limited, Toronto, purchasers, $11,065.75 and accrued interest.

PORT ARTHUR, ONT.—The contract for coal and ore docks to handle the Atikokan iron deposits has been awarded to the Barnett-Record Co., of Minneapolis.

NORTH BAY, ONT.—Construction of 1,300 feet of submerged sewer pipe into Lake Nipissing and laying 330 feet of waterworks pipe : Donnelly Wrecking Co., of Kingston, successful tenderers.

SEAFORTH, ONT.—Steel bridge at John Campbell's, west of Egmondville : Superstructure, A. Hill & Co., Mitchell, $1,363.50 ; cement abutments, J. J. Elliott, Seaforth, $3.90 per cubic yard.

TARA, ONT.—Steel bridge in township of Arran, over Sauble river : Steel superstructure, with steel joists and cedar floor, Hunter Bridge & Boiler Co., Kincardine ; cement abutments and 50 feet of grading at each end of bridge, D. Keys, Kincardine.

VANCOUVER, B.C.—The tender of A. E. Carter has been accepted for erection of new Y.M.C.A. building on corner of Cambie and Dunsmuir streets ; estimated cost, $15,000.

TORONTO, ONT. — Contracts for erection of the Queen Alexandra school were last week awarded to the lowest tenderers as follows: Masonry, H. Lucas & Son, $26,432; carpentering, W. Hutchinson, $22,502 ; plastering, E. Warren, $2,180 ; painting, James Phinnemore, $1,965 ; plumbing, Fred Armstrong, $1,350; roofing and tinsmithing, A. B. Ormsby, $3,200 ; steam fitting, Fred Armstrong, $8,500; heat radiators, John ston Temperature Regulator Co., $1,170; structural iron work, Dominion Bridge Co., $3,823.

HAMILTON, ONT.—Boilers for the high level pumping station : Good Roads Machinery Co., successful tenderers, $1,480.—The contract for supply of cement for the city has been awarded to the Cayuga Lake Co., of Ithaca, N. Y., at $1.55½ per 350 lb. barrel. Last year the city paid $1 65¾ a barrel. It is estimated that at least 15,000 barrels will be used. The tenders received were as follows : Grey and Bruce Company, Owen Sound, $1.58 ; Lakefield Portland Cement Co., Lakefield, $1.64½ ; Henderson & Taylor, Montreal, $1.67¾ ; W.A. Freeman, Montreal, $1.90; National Cement Company, Durham, $1.68 ; Ontario Cement Company, Brantford, $1.60 ; Cayuga Lake Company, $1.55½; Atlas Cement Company, New York, $1.64 ; Iroquois Company, Cleveland, $1.74 ; F. Thorne, Buffalo, $1.80. The Massillon Brick Co. were awarded the contract for paving brick at $27.40 a thousand.

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Fire Clay Ganister
Road Paving Bricks and Blocks.

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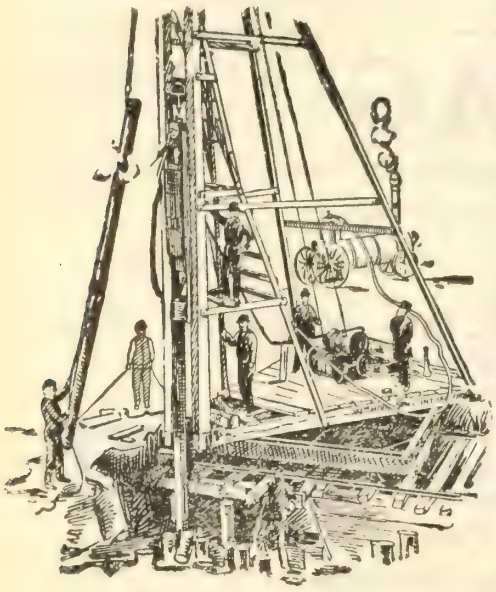

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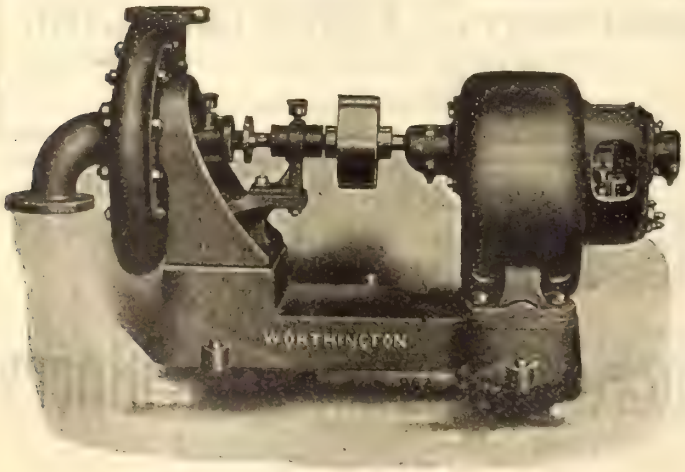

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SUSTAINED 11,882 POUNDS OF CONCENTRATED WEIGHT

ON AN IRON DISC 8 1-2 IN. IN DIAMETER

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MILTON PRESSED BRICK AND SEWER PIPE CO.

	F.O.B. Milton, Ont.	F.O.B Montreal
Red No. 1	Please write to head office, Milton, Ont., for catalogue and prices.	$18 00
" 2		16 00
" 3		14 00
Buff No. 1		20 00
" 2		18 50
Brown		25 50
Roman Red		30 50
" Buff		33 50
" Brown		40 50
Hard Building		12 00
" Sewers		12 00
" Backing		11 50

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Please write to head office 34 Toronto St. Toronto for catalogue and prices.

Nos. 1, 2 and 3, Red Pressed Bricks.....
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Vitrified Street-Paving Bricks.....
Semi-Vitrified Foundation Bricks.....
Common Stock Red and Grey Bricks .....
Sewer Bricks.....
Stone or Macadamized Roadways.....

(Coninued on page 14.)

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Dredges, Ditchers, Derricks and Steam Shovels

of various styles and sizes to suit any work.

Submarine Rock Drilling Machinery Hoisting Engines, Suspension Cableways, Horse-Power Hoisters, Gang Stone Saws Centrifugal Pumps for Water, Sand and Gold Mining, and other Contractors' Plant.

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HIGH GRADE GERMAN BRANDS FOR GRANOLITHIC AND ARTIFICIAL STONE SIDEWALKS.

Sewer Pipes, Culvert Pipes, &c. Best English Cements. Best Belgian Cements

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PORTABLE - EXCEL ALL OTHERS

SIZES, 8 x 10 9 x 15 10 x 20
STATIONARY, 10½ x 22 12 x 28

Send for Prices

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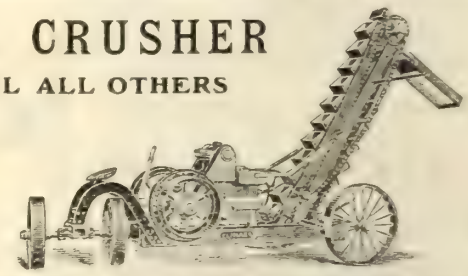
Hamilton, Ont.



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HIGH GRADE ENGLISH
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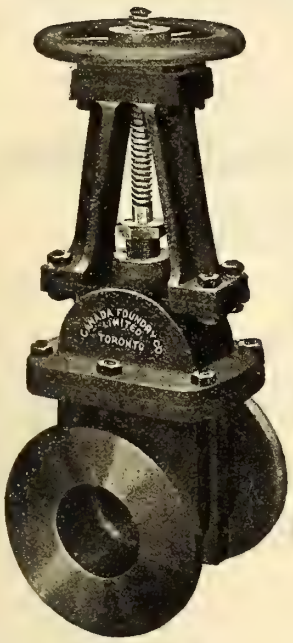
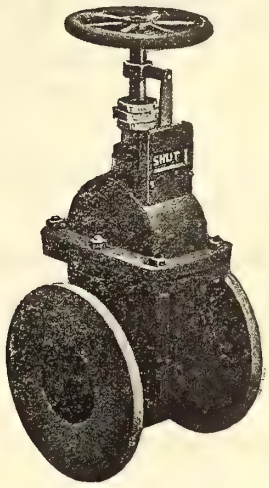
Special Castings





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THOS. J. DRUMMOND, President. JAMES T. McCALL, Secretary-Treasurer. C. ED. GUDEWILL, Vice-President

Montreal Pipe Foundry Co., Limited

Special Castings
Flange Pipe
Branches
Hydrants
Valves

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Valve Boxes and general Water Works Supplies

Works at: LACHINE, QUE. THREE RIVERS, QUE LONDONDERRY, N. S.

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THE GARTSHORE-THOMSON PIPE & FOUNDRY CO.

LIMITED.

Manufacturers of

Flexible and Flange Pipe, Special Castings and all kinds of Waterworks Supplies

CAST IRON PIPE

3 inches to 60 inches diameter.

For Water, Gas, Culvert and Sewer

HAMILTON, ONT.

The Good Roads Machinery Company

Limited

Hamilton, Canada

The Steel "CHAMPION" Reversible Road Machine

The Simplest, Strongest and Best. Don't it Look it?
Built for Service. A Strictly High-Grade Road Machine.

"CHAMPION"

Rock Crushers, Elevators, Revolving Screens, Street Mud Cleaners, Sweepers, Road Graders, Road Rollers, Macadam Spreading Wagons, Road Plows, Portable or Stationary Engines, Wheel and Drag Scrapers, Etc.

All mechanics agree that the simpler the machine the more valuable it is. In complicated machines look out for trouble and expense.

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Good Roads Machinery Company, Limited, JOHN CHALLEN, President and General Manager.

Address—Late Killey Beckett Works, 144 York Street, HAMILTON, ONT.

Prices of Building Material

(Continued from page 12.)

TORONTO PRESSED BRICK AND TERRA COTTA WORKS

	F.O.B. Milton, Ont.
Red No. 1	13 00
" 2	5 50
" 3	9 00
Buff No. 1	15 00
" 2	13 00
Brown	15 00
Roman Red	30 00
" Buff	35 00
" Brown	40 00
Hard Building	8 00
" Sewer	7 50
" Backing	6 00

Moulded and Ornamental from $2.00 to $5.00 per 100.
Terra Cotta String Courses and Frieze, from 50c. to $2.00 per ft. run.
Roofing Tiles, $20.00 per 1,000.

BEAMSVILLE BRICK AND TERRA COTTA CO.

	F.O.B. Beamsville.	F.O.B. Montreal.
Red Peerless Facing	$16 00	$21 50
" No. 1	14 00	19 50
" No. 2	12 00	17 50
" No. 3	10 50	15 00
Brown Peerless Facing	20 00	25 50
" No. 1	18 00	23 50
Buff Peerless	20 00	25 50
" No. 1	18 00	23 50
" No. 2	15 00	20 50
Moulded and Ornamental Brick from $3 to $10 per C.		
Roman Red (Size 12 x 4 x 1½ in.)	30 00	35 50
" Buff " "	30 00	35 50
" Brown " "	34 00	39 50
Vitrified Paving Brick No. 1	18 00	23 50
" " " No. 2	15 00	20 50
Sewer	8 00	13 50
Roofing Tile	22 00	20 00

FIRE BRICK

TORONTO POTTERY CO.	F. O. B. Toronto Car lots	Less
Boyd	20 00 M.	25 00 M.
W. W. Co.	22 50 M.	27 50 M.
Savage Crown	28 50 M.	32 00 M.
Ramsay		30 00 M.

STONE.	Toronto.	Montreal
Common Rubble per toise, delivered at building	13 50	11 00
Large flat Rubble, per toise, delivered	14 00	18 00
Foundation Blocks, per c. ft.	40	50
Granite (Stanstead) Ashlar, 6 in. to 12 in., rise 9 in., per ft.		25
Amherst Red Sandstone Amherst, N.S., per cub. ft. on cars at quarry 40c. . . quarry		40
Dorchester, N. B., brown or red stone f. o. b. Quarries	45	45
Masillon	30	40
Myers-Northport Red or River		

	Toronto.	Montreal.
Philip Gray Sandstones f.o.b. per cubic foot	75	65
Stanstead granite paving blocks, 8 in. to 12 in. x6 in. x4½ in. per M		50 00
Granite curbing stone, 6x 20 in. per lineal foot		70
Buctouche Olive Freestone	85	65
Olive Sandstone (Indiantown, N. B)	80	70
Brown Sandstone (Sackville, N. B.	80	70
Moat red sandstone, per cu. ft.		60
Black Pasture buff stone per cu. ft.		50
Hagersville Crushed Stone per ton	1 25	
Nova Scotia blue grey, per cu. ft.		65
Coursers, 6 to 8 in. f. o. b. St. Mary's. per cord		7 00
Footing, 6 to 10 in. per cubic ft.		15
Dimension Stone, f. o. b. St. Mary's, per cubic foot		35
Granite (Laurentian Pink) Ashlar, 6 to 12 in., rise 9 in., per c ft.		25
Dimension Stock Granite, (Laurentian Pink) for building purposes, per c. ft., f.o.b. quarries		40
Do., for polishing purposes, up to 2 tons weight, per cubic foot		70
	F.O.B. Halifax	
Dimension stock granite for building purposes, per cu. ft.		40
Do., for polishing purposes, up to 2 tons weight, per cubic ft.		1 00
Paving sets, per thousand block		60 00

CREDIT VALLEY STONE.

	F.O.B. Quarries.
Rubble, per ton	60
Brown Coursing, up to 10 per sup. yard	1 75
Brown dimension, per cub.	70
Grey coursing, per sup. yard	1 25
Grey dimension, per cub. ft.	40

ROMAN STONE. F. O. B. Factory.

6" x 3" Sills, tooled seated and throated 35c. per lineal foot .
Window Heads and Ashlar, 40c per square foot . . . . . .
Window and Door Quoins tooled 40c. per superficial foot . .
String Courses, Molded or Ornamental, 6" to 12" rise 50c to $1 50 per lineal foot. . . . . .
Hollow wall tooled finish 14" thick 40c. per square foot....

SLATE.	Toronto.	Montreal.
Roofing (Per square).		
red	20 00	20 00
purple	9 00	10 00
unfading green	10 00	11 00
black	9 00	9 00

Terra Cotta Tile, per sq	23 00	25 00
Ornamental Black Slate Roofing		77 00

PORTLAND CEMENT

(CARLOADS.)

Canadian (Packages, 350 lbs. net.):	Toronto.		Montreal	
Rathbun's Star	1 70	2 00	1 80	2 00
Trowel			1 85	1 95
Samson	1 75	1 85		
Magnet	1 55	1 65		
Monarch	1 80	1 90	1 90	2 00
Hercules	1 75	1 75		
Imperial		1 80		
Crescent 375 lbs. gross	2 30	2 40	1 95	2 05
Diamond 350 " "	2 20	2 30	1 85	1 95
"Giant" Brantford	1 75	2 00	2 00	2 50
American (in Bags):				
"Helderberg"			1 90	2 00
Alsen				2 25
Lehigh, in bbls., 375 lbs.		2 35	2 10	2 20
" cotton sacks, 350 net		2 00		2 00
" paper bags		2 10		1 85
"Iron Clad" in bags 350 lbs.			1 80	1 90
"Invicta" " " "			1 65	1 70
"Adirondack" " " "			1 50	1 65

Vulcanite (The Toronto Pottery Co., Limited. Toronto) 350 lbs. per bbl.

In paper bags		1 80
" wooden bbls.		2 00
" cotton bags		2 10

English in Barrels):				
Brook's Shoobridge Anchor	2 35	2 40	2 00	2 10

Belgian (in Barrels):				
"Josson"	2 60	2 70	2 20	2 30
"North's Condor	2 05	2 10	2 25	2 30
"White Cross"	1 90	2 00	1 75	1 80
Hammer			1 80	1 90
White Star	2 15	2 25	1 90	2 00
Samson			1 80	1 90

German (in Barrels):				
Offenbacher				2 35
Alsen	2 65	2 95		2 45
Dyckerhoff	2 65	2 75		2 40
Hercules	2 25	2 35		2 15

Keene's Superfine "Whites"	10 00	12 00	8 50	9 00
Keene's Coarse "Whites"	6 50	7 00	4 50	5 00
Fire Bricks, Newcastle, per M	27 00	32 00	18 00	22 00
" Scotch "	28 00	35 00	19 00	23 00
Plaster, Calcined N.B.		1 70		1 60

(CORRECTED UP TO FEBRUARY 28TH)

CANADIAN

Contract Record

A Weekly Journal of Public Works, Tenders, Advance Information and Municipal Progress

This Paper Reaches Every Week the Town and City Clerks, Town and City Engineers, County Clerks and County Engineers, Purchasers of Municipal Debentures and Leading Contractors in All Lines Throughout Canada

VOL. 16. TORONTO, MONTREAL, WINNIPEG, MARCH 8, 1905 No. 4

THE CANADIAN CONTRACT RECORD
PUBLISHED EVERY WEDNESDAY
As an Intermediate Edition of the Canadian Architect and Builder.
THE C. H. MORTIMER PUBLISHING COMPANY
of Toronto, Limited,
Subscription Price, $2 per annum, payable in advance.

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TENDERS WANTED

Town of Owen Sound Debentures.

Tenders will be received by the undersigned up to 6 o'clock p m. on FRIDAY, 17TH MARCH, 1905, for the following debentures:

Guaranteed by the County of Grey, $15,000 for improvement of Gas Plant; $10,000 for improvement of Electric Light Plant.

Dated 1st February 1904, payable 1st February, 1924, Interest 4 per cent. per annum half yearly, February and August.

By-laws are approved by A. Bruce, Esq., K.C., Hamilton.

No tender necessarily accepted.

A. J. SPENCER, Town Treasurer.
Owen Sound, 17th February, 1905.

EXTENSION OF TIME

TOWN OF EAST TORONTO

PROVINCE OF ONTARIO

TENDERS FOR PUMPING STATION

Tenders will be received by the undersigned up to 8 p m. on MONDAY, MARCH 13TH, 1905, for providing the materials and labor required for the erection of a

Reinforced Concrete Pumping Station at the foot of Beech Ave., East Toronto.

Plans and specifications may be seen and forms of tender obtained at the office of the undersigned, or at the head office of JOHN GALT, C. E. & M. E., Chief Engineer, Toronto.

A certified bank cheque for $300 must accompany each tender.

W. H. CLAY, Clerk,
Town of East Toronto.

Corporation of the Town of Portage La Prairie.

TENDERS for CEMEMT

Sealed tenders addressed to the undersigned will be received up to 3 p. m., MARCH 17th, 1905, for

3000 BARRELS OF PORTLAND CEMENT

(more or less)

All tenders must be accompanied by a marked cheque made payable to the treasurer of the town of Portage La Prairie for 5 per cent. of the amount of the tender, as a deposit, which will be returned in case of non-acceptance.

Specifications and forms of tender can be had at the office of the undersigned.

The lowest or any tender not necessarily accepted.

F. A. WHITAKER, Secretary-Treasurer,
Portage La Prairie, February 22nd, 1905.

Tenders for Sewers and Waterworks

Sealed tenders addressed to M. W. Flannery, Town Clerk, will be received by the Corporation of the Town of North Bay, Ontario, until 12 o'clock noon of MARCH 20th, 1905, for the various works in connection with

1.—Change of the source of the water supply.
2.—Installation of a system of sewers and their appurtenances.

The system of waterworks comprises the following:—

(A) Laying 15,000 feet of 10" cast iron delivery pipe, with necessary valves, etc., with 330 feet of 12" intake pipe.
(B) New pumping station of brick 60' x 24', and Engineer's dwelling of brick veneer.
(C) Supply and erection of 75 H. P. Boiler.
(D) Steel stack 30" diameter, 60 feet high.
(E) Removal and re-erection of present plant.

The system of sewers comprises the following:—

(A) Supplying and laying 20,000 feet of 8"-10"-12" sewer pipe with manholes, flush tanks, etc.
(B) Construction of two Septic Tanks of concrete, each 100' x 40'.

The corporation do not bind themselves to accept the lowest or any tender, and reserve the right to award the whole or any portion of the contract according to the various sections into which the tender is divided.

Plans and specifications can be seen, and all information obtained at the office of the Town Engineer, L. O. Clarke.

A marked cheque equal to 5% of the amount of the tender must accompany every bid.

M. W. FLANNERY, Town Clerk.

OPENING FOR AN ARCHITECT

Advertiser desires to learn of an architect, thoroughly reliable and honorable, who wishes to find a good location for business, in Eastern Canada; must be energetic and well recommended. Englishman preferred, but he should be able to speak French also. Address "J.D" care CONTRACT RECORD, Toronto, Ont.

TENDERS WANTED

Tenders are invited by the undersigned until MARCH 28TH, 1905, for the construction of a bridge over the Welland River known as Robins Bridge, about 2 miles from Perry Station.

The superstructure to be of concrete, built on oak piling 12 ft. 3 in. in height above low water mark. The superstructure is to be of steel 100 ft. in length with a clear roadway of 16 ft. width.

Tenders will be received for substructure or superstructure separately if so desired.

Plans and specifications may be seen at the Clerk's office, Welland. The lowest or any tender not necessarily accepted.

ROBERT COOPER, County Clerk.
Clerk's Office, Welland, February 27th, 1905.

CITY OF BRANTFORD

Tenders for Paving Brick, Sewer Pipe and Lumber.

Sealed tenders addressed to R. W. Robertson, Esq., Chairman of the Board of Works, in care of the City Clerk, Brantford, Ontario, will be received until 12 o'clock, noon, on

THURSDAY, MARCH 16TH, 1905,

for the supply of Paving Brick, Sewer Pipe and Lumber required by the City of Brantford for 1905 Specifications and forms of tender may be obtained on application to the City Engineer. Each tender must be accompanied by a marked cheque payable to the order of the City Treasurer for the amount called for in the form of tender. The lowest or any tender not necessarily accepted.

T. HARRY JONES, City Engineer.
City Engineer's Office,
Brantford, February, 25th, 1905.

TENDERS FOR ELECTRIC LIGHT

Sealed tenders for all the work and materials necessary for the installation of a Complete Electric Light Plant in Calgary, Alta. will be received until noon on THURSDAY, MARCH 16th, 1905.

The work is divided into the following contracts:

"A" Electrical equipment in power house.
"B" Engines and connections.
"C" Boilers and connections.
"D" Power house and chimney.
"E" Poles.
"F" All outside work.
"G" Arc lamps, wire insulators, etc.

Specifications may be obtained from the city engineer, Calgary, on receipt of $3 00, which will be returned when the specifications are returned.

The lowest or any tender not necessarily accepted.

F. W. THOROLD, B. A., City Engineer,
Calgary, Alta.

[FOR ADDITIONAL ADVERTISEMENTS FOR TENDERS SEE NEXT PAGE.]

OLD DOORS WANTED

I am open to buy a few walnut doors from old buildings being torn down. Please state sizes, prices, or telephone M. 2701. JAS. ROBERTSON, 10 Front St. E., Toronto.

TENDERS

Bulk or Separate Tenders will be received by the undersigned up till 6 o'clock p. m. of WEDNESDAY, MARCH 15, 1905, for the various trades required in the erection of a

Collegiate Institute Building, Galt, Ont.

Plans and specifications may be seen and information obtained from the Secretary at Galt, Ont., or at the offices of the Architects, Stewart & Witton, Hamilton, Ont.

The lowest or any tender not necessarily accepted.

THOMAS CARSCADDEN,
Secretary, Galt, Ont.

TOWN OF
PORTAGE LA PRAIRIE
PROVINCE OF MANITOBA

WATERWORKS AND SEWERAGE WORKS

Sealed tenders will be received by the Secretary-Treasurer until 8 p. m. on

WEDNESDAY, APRIL 12th, 1905,

for the following sub-divisions of the proposed works:

Contract "A"—Pipelaying on Water Works and Sewerage Works.
Contract "B"—Power House.
Contract "C"—Water Tower.
Contract "G"—Pumping Machinery.
Contract "H"—Boilers.

Plans and specifications, &c., may be seen at the office of the Secretary-Treasurer, Portage la Prairie, or at the office of the Chief Engineer, 103 Bay Street, Toronto, after March 6th, 1905.

F. A. WHITAKER, Esq., Sec.-Treas.
EDWARD BROWN, Esq., Mayor.
WILLIS CHIPMAN, C.E., Chief Engineer, Toronto, Ontario.

TENDERS

Y. M. C. A. Building, Brandon

Sealed tenders will be received until 2 p. m., Monday, March 20, 1905, at the office of the Secretary, A. E. McKenzie, Brandon, Man., for the erection and completion of a four-story brick building for the Young Men's Christian Association, Brandon, in accordance with the plans and specifications.

Separate tenders will be received on the following "A" general contract, including all materials and workmanship under the following headlines of this specification: (1) Masonry, (2) Carpentry, (3) Iron Work, (4) Plastering, (5) Painting and glazing, (6) Tiling, (7) Sheet metal and composition roofing, (8) Electric lighting, (8) Rough hardware, and (10) Hardware trim. "B" Plumbing, "C" Electric light fixtures.

Plans and specifications may be seen at the office of the Secretary, A. E. McKenzie, Brandon, Manitoba, and the Y. M. C. A. building, Winnipeg, and all bids must be in accordance therewith and on a form which may be obtained from the secretary. A certified cheque for three per cent. for the amount of the bid, made payable to Secretary A. E. McKenzie, Brandon, Manitoba, must accompany each proposal. These cheques will be held until the contract is let, as a guarantee that the bidder will enter into satisfactory contract and give satisfactory bond for the faithful performance of the work, and in case any bidder called upon shall fail to fulfil these requirements within ten days after the date of notification of the award, he shall forfeit said certified cheque to the building committee as assessed and liquidated damages. All cheques except those so forfeited will be returned after the contract has been signed. The committee reserve the right to reject any or all bids.

A. E. McKENZIE,
Secretary Building Committee.

Brandon, February 18, 1905.

TENDERS

wanted for Grading five miles of the Guelph and Goderich Railway. Address WESTERN ONTARIO CONSTRUCTION COMPANY, Strathroy, Ontario.

TENDERS

will be received for the brick, carpenter and plastering work required in the erection of Five Brick Houses on River Street until MARCH 13TH. Plans and specifications at our office on Mark Street, Toronto.

REINHARDT & CO., Brewers.

Bridge Tenders

The NcNab Township Council will accept tenders up to MARCH 11TH next for an Iron Bridge 326 feet long. Both superstructure and sub-tructure.

For full particulars apply to
GEO. L. NEILSON, Jr.,
Township Clerk.

Arnprior, February 28th, 1905.

THE BITULITHIC PAVEMENT

We are prepared to furnish Municipal Corporations and Responsible Contractors with the necessary plant, bitumen for the three courses, expert advice and laboratory testing on a royalty basis under our patent for laying the Bitulithic Pavement. We are also prepared to instal Municipal Paving Plants.

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93 Federal St., Boston.

CONTRACTS OPEN.

WOODSTOCK, ONT.—The Masons are talking of erecting a temple.

EXETER, ONT.—A brick residence will be built this summer by J. Nott.

NORWAY, ONT.—It is proposed to build a public hall to cost about $2,000.

UTTOXETER, ONT. — William Scoffin is preparing to build a residence.

OAK BAY, QUE.—J. D. Sowerby & Co. are preparing to rebuild their saw mill.

REGINA, N.W.T.—Tenders are invited for excavation work of new Knox church.

ST. ANNS, ONT.—Stephen Morley is talking of erecting a new grist mill this spring.

OLDS, N.W.T.—S. Butler has purchased a lot on Nanton street on which he will build.

WHITBY, ONT.—Charles Todd has purchased a site on which to build a two-storey store.

NORTH SYDNEY, N.S.—The A. C. Thompson Co. have decided to build a nail factory here.

DAUPHIN, MAN.—The Town Council have granted a 10-year telephone franchise to R. J. Malcolm.

WETASKIWIN, N.W.T.—The Merchants Bank have purchased property on which to erect a bank building.

BRADFORD, ONT.—A public meeting will be held shortly to discuss the construction of a waterworks system.

NEWMARKET, ONT. — Boulton Hewitt purposes building a residence on corner of Niagara and Tecumseth streets.

BALDUR, MAN.—A by-law to raise $8,000 for ercction of a four-roomed school will be submitted to the ratepayers.

SUDBURY, ONT.—Bids are invited by S. Fournier up to March 15th for purchase of $5,078.10 5 per cent. debentures.

SANDWICH, ONT.—Mayor Mason is getting information regarding the installation of a municipal electric light plant.

GUELPH, ONT.—The Grand Trunk Railway are endeavoring to obtain a suitable site here on which to build a new station.

DUNDAS, ONT.—The water supply is inadequate and the Council will likely take early steps to increase the system.

SARNIA, ONT. — Maggie Lowrie, Township Clerk, wants tenders by 18th inst. for repair of Waddell Creek drain, 1,496 rods.

PORT ARTHUR, ONT.—Architect Hanley has prepared plans for a residence to be built on Court street for Louis Walsh.

ST. THOMAS, ONT.—The city will likely ask for tenders at an early date for supply of a storage battery for street railway purposes.

STAYNER, ONT.—The congregation of the Church of the Good Shepherd are considering a proposal to rebuild the church.

OWEN SOUND, ONT.—John Durie wants tenders by 12th inst. for erection of brick school house in S.S. No. 16, Sydenham.

CARBERRY, MAN.—Hunt & Noble desire bids by Wednesday, March 15th, for purchase of $5,000 of school debentures.

FORT WILLIAM, ONT.—T. A. Kennedy has purchased property on Victoria ave. on which he intends building residences.

NORTH TORONTO, ONT. — The Trustees of the Merton Street Mission have decided to erect an addition to the building.

EGLINTON, ONT. — G. Pritchard will build a residence on Montgomery ave.—W. Tomlinson purposes building a residence.

BERLIN, ONT.—Charles A. Ahearns has decided to build a business block on Queen street south, red pressed brick, three stories.

TEMISKAMING, QUE. — A company is being organized to build a telephone system in this district; estimated cost, $25,000.

SILVER WATER, ONT.—Government engineers were here recently making an estimate of the cost of constructing a dock.

SEAFORTH, ONT. — E. Hinchley purposes building a residence on John street. William Somerville will build on Goderich street.

ATHENS, ONT.—Band, Burritt & Meredith, architects, of Ottawa, are preparing plans for the rebuilding of the Model school here.

ALLANDALE, ONT.—Frank Taylor has purchased the McKenzie property and intends building a number of residences thereon.

PORT COLBORNE, ONT. — It is likely that the Dominion government will shortly call for tenders for erection of new elevator here.

FERNIE, B. C.—A Dominion government architect was here recently to report upon the available sites for a new post office building.

SYDNEY, N.S.—It is proposed to submit a by-law to the ratepayers to borrow $60,000 for the installation of an electric light plant.

HARRISTON, ONT.—George Gray, architect, has prepared plans for a modern brick residence for Archie Gillespie. Tenders received up to 15th inst.

FAIRVILLE, N.B. — The Fairville Electric Light Co. has been formed to install an electric plant. James Ready is one of the promoters.

NEW WESTMINSTER, B.C.—The estimates passed by the City Council include an appropriation for the erection of a four-roomed kindergarten school.

ST. BONIFACE, MAN.—Cecil Goddard, Town Engineer, has reported that

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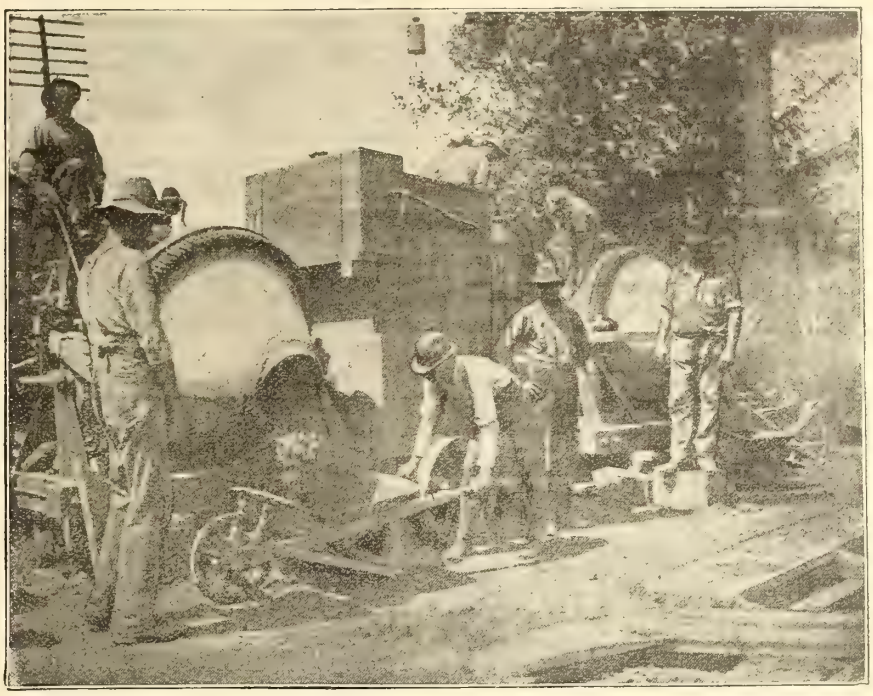

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MONTREAL

it will cost $287,000 to construct the necessary asphalt pavements.

ELM CREEK, N.W.T.—The by-law to raise $10,000 for erection of a two-storey brick school building will be submitted to the ratepayers on March 16th.

TREHERNE, MAN.—C. Weichman proposes to build a grist mill here, to be steam heated, cost about $10,000. He has asked the municipality for a loan of $5,000.

KINGSTON, ONT.—The students of Queen's University have undertaken to raise $20,000 for the erection of a gymnasium between the Curling Rink and Arch street.

CHATHAM, ONT.—The City Council have decided to build a new market shed and a detached police station and have accepted the plans of T. J. Rutley, architect.

BRIDGEBURG, ONT.—Dr. Mencke will build a pressed brick residence on Jarvis street. Joseph Bowen will build a residence on property purchased from the Betts Estate.

QUEBEC, QUE.—The City Engineer is asking for tenders up to Thursday, 9th inst., for supply of deals, nails, stone and gulley wells, and for construction of stone and brick pavements.

LAKEFIELD, ONT. — The Lakefield Portland Cement Co. have decided to build an addition to their cement mill, three kilns to be installed at once and three others later.

ST. MARY'S ONT. — Knox church congregation, of which Rev. A. Grant is pastor, have appointed a committee to report upon the available sites for a new church building.

HALIFAX, N.S.—The Halifax Hotel has been leased by a company, of which E. F. Macdonald is manager, and it is understood to be their intention to make extensive alterations and improvements.

BRACEBRIDGE, ONT.—A deputation from this place recently asked the Commissioner of Public Works for a Government grant towards the cost of constructing a bridge over the Muskoka river.

GANANOQUE, ONT. — The ratepayers will vote on a by-law on March 20th to grant a loan of $15,000 to the Sampson Bolt Co, who agree to erect and equip a factory in this town costing $30,000.

HARROW, ONT.—W. W. Snider, architect, of South Bend, Ia., is preparing plans for a new cement block hardware building to be erected by Charles Richardson & Son, 31×75 feet, two stories.

NIAGARA FALLS, ONT.—E. D. Pitt, architect, has prepared plans for the Standard Chemical Co's new mill at Longford, which will be of concrete and consist of two buildings, 72x104 feet and 20x50 feet.

GEORGETOWN, P.E.I. — D. Pottinger, manager Intercolonial Railway, Moncton, N.B., is asking for tenders up to Tuesday, 14th inst., for construction of a pile wharf and an addition to the freight shed at this place.

BARRIE, ONT.—Tenders will be received by Thos. Kennedy, architect, up to noon on March 18th, for the erection of a brick dwelling on Thompson street for William Turner, merchant tailor. Plans and specifications at Mr. Kennedy's office.

PRINCE ALBERT, N.W.T. — By-laws will be submitted to the ratepayers on the 29th inst. to raise the following sum : $35,000 for construction of sewerage system ; $115,000 for waterworks system ; $2,500 for sidewalks.

ST. MOISE, QUE. — Tenders are invited by D. Pottinger, manager Intercolonial Railway, Moncton, up to Tuesday, 14th inst., for construction of a station building and removing and remodelling the present station at this place.

BROCKVILLE, ONT. — It is proposed to submit by-laws to the ratepayers on March 23rd to give a loan of $30,000 to assist the Canadian Carriage Co. in rebuilding their works and to provide a site for a new building to be built by D. H. Burrell & Co., manufacturers of dairy supplies, Little Falls, N.Y.

WESTBORO, ONT. — F. W. Harmer, Clerk Township of Nepean, will receive tenders up to 14th inst. for a steel superstructure 128 ft. clear × 16 feet clear, to be erected over the River Jock, near Fallowfield. Tenders will also be received for the masonry of two abutments ; estimated cost, $6,000.

PETERBORO, ONT.—A proposal is under consideration to make improvements to the Charlotte street Sabbath school building, at an estimated cost of $3,500.—W. G. Morrow, Secretary Board of Education, is asking for tenders up to Friday, 31st inst., for erection of a Collegiate Institute building. Plans at office of J. E. Belcher, architect.

TORONTO JUNCTION, ONT. — The Canadian Bank of Commerce have decided to erect a substantial brick building on Dundas street, opposite May

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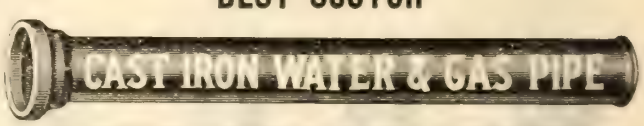

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MONTREAL

street.—At the Council meeting this week the question of a site for a new fire hall and police quarters may be considered.—It is stated that the Reeves Pulley Co., of Toronto, purpose establishing a factory here.

WELLAND, ONT.—Robert Cooper, County Clerk, will receive tenders up to March 28th for construction of a bridge over the Welland river about two miles from Perry Station, substructure of concrete, superstructure of steel, 100 feet in length.—The Council are about to take steps to build a protection of piling around the waterworks intake.—J. S. O'Neal has decided not to erect his business block at present.

GABARUS, N.S.—Tenders are invited by the Department of Public Works, Ottawa, up to Monday, 20th inst., for construction of an extension to the breakwater here. Cheque for $2,000 to accompany each tender. Plans at office of C. E. W. Dodwell, Halifax; E. G. Milledge, Antigonish; the Department of Public Works, Ottawa, and on application to the Postmaster here.

VICTORIA, B.C.—Thomas & Seager, architects, have just taken tenders on erection of a frame residence on Johnson street, near corner of Vancouver street.—The Canadian Pacific Railway will proceed at once with the completion of the general wharf system and immediately thereafter will let the contract for a fine warehouse.—The Council have decided to submit a by-law to the ratepayers to raise $11,000 for improvements to the electric light plant.

MILTON, ONT.—A meeting of the municipal councillors of Halton County was held here last week to consider road improvements. It was decided to have the County Council prepare a scheme and an estimate of the cost for submission to the township councils. James Waldbrook brought up the question of building an electric railway from a point on the line of the Toronto and Hamilton Electric Railway to run northerly through Milton, Georgetown and Acton.

STRATFORD, ONT. — William Lawrence, City Treasurer, is asking for bids by Friday, 17th inst., for purchase of $68,480 of debentures issued for building morgue, extending waterworks, etc. —W. J. Ireland, architect, has been instructed to prepare plans for an addition to Romeo school.—At the last meeting of the City Council it was decided to take the initiative on sidewalks to cost $17,431. —C. H. Rust, C.E., of Toronto, who was engaged as consulting engineer in connection with the paving of Ontario street, has recommended that all wires in the business part of the city be placed underground.

OTTAWA, ONT.—J. D. McLaren, architect, 104 Sparks street, is asking for tenders up to 5 p.m. of March 8th for

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excavation and masonry of Erskine church.—F. Gelinas, Secretary Department of Public Works, desires tenders by Wednesday, March 15th, for additions and alterations to the Western Block of the Departmental Buildings in this city. It is reported that the Department of Public Works have under consideration the erection of a new building on Wellington street, between Bank and Kent streets. — The Waterworks Committee propose to issue debentures for about $60,000 for improvements to the waterworks system. The estimates include $5,000 for surveys in connection with the proposal to obtain a water supply from Meach's Lake; $6,000 for mains on Wellington street; $6,000 for Rockliffe range mains; $20,645 for Concession street main, and $6,600 for Somerset street main.—The City Engineer has been instructed to call for tenders for supply of four new watering carts.—The Ottawa Abattoir Co. have submitted a proposition to the Council to construct an abattoir to cost about $100,000. A. E. Matthews is one of the promoters.

BRANTFORD, ONT. — George W. Hall, architect, is asking for tenders up to Thursday, 16th inst., for erection of a store and dwelling on corner of William and Palace streets.—The Canadian Bank of Commerce have purchased the Mallagh corner and intend erecting a modern bank building on the site, at an estimated cost of $25,000.—Grace church congregation are considering the erection of a new rectory.—The Toronto, Hamilton and Buffalo Railway will probably build new freight sheds here.

LONDON, ONT.—McBride & Farncombe, architects, have prepared plans for the new factory for the Cooke-Fitzgerald Shoe Co., which will cost about $20,000.—It is understood that the Howden Hardware Co. will build a warehouse on York street, 4 stories, 50 × 400 feet, cost about $20,000.—The Cottam Bird Seed Co. have purchased the old Glackmeyer residence on Bathurst street and will convert it into an up-to-date warehouse, with handsome offices.—An addition containing about fifty rooms is to be added to the Duke of York Hotel in East London.

HAMILTON, ONT.—Building operations in Hamilton this season promise to be quite brisk. The Dominion Government will start work on the drill hall just as soon as the weather will permit. The plans for same have been prepared by Stewart & Witton, architects, who have also in hand the following work: Residence for Major E. G. Zealand on West Herkimer street; summer residences for H. Ambrose and J. Grossman at Burlington; residence for R. A. Thompson, principal Collegiate Institute, on South Wentworth street; residence for F. Ford, west side Caroline street, between Robinson and Hannah streets; residence for R. Robinson, East King street; residence for Thomas Binkley on west side of Pearl street; residence for J. L. Cherrier, corner Main and Spring streets; residence for Morris S. M. Long at corner of Main and Spring streets; Orange hall, corner Mulberry and James streets; factory for Chadwick Bros., Oak avenue; stables for R. A. Lucas at the corner of Park and Robinson streets, and alterations to 118 and 120 North James street for Epstein & Son. — The Chadwick Brass Co. are about to build a $14,000 factory on Barton street.—The Eastern Building Co. will erect 15 small houses in the east end of the city.—W. A. & W. H. Edwards, architects, have just taken tenders on new buildings for the Canadian Otis Elevator Co., to consist of two-storey machine shop, 176×91 ft.; one-storey carpenter shop, 156×45 ft., and one-storey concrete pattern vault, 100×75 ft.—F. W. Bird & Sons, manufacturers of roofing paper, etc., have bought nine acres of land in the annex section of this city and will erect a $20,000 factory.—It is stated that the Swift Co. intend enlarging their premises here.—The Hamilton Cataract Power, Light & Traction Co. have decided to extend their railway to Oakville in the spring.—Plans of the new wing to be added to the General Hospital were submitted at a meeting of the Governors on Monday last.

WINNIPEG, MAN. — The erection of a hospital for typhoid patients is being considered by the City Council.—The Canadian Northern Railway Co. have decided to proceed with the following construction work this year: Completion of main line to Edmonton; extension of Prince Albert line from Melfort to Prince Albert; completion of Rossburn line to Rossburn; completion of Carberry-Brandon section; completion of Springfield branch, a distance of twenty miles from Winnipeg; completion of Thunder Hill branch from Swan river to western boundary of the province near Thunder Hill.—A deputation from this vicinity recently asked the Dominion Government to undertake dredging and improving of the Assiniboine river between Winnipeg and Brandon.—E. McKenty has decided to considerably enlarge the Manor Hotel.—Ald. Harvey states that he will endeavor to have the Council take early action in connection with the proposed bridges from the centre of the city to St. Boniface and from the northerly part at Main street across the Red river to the adjoining municipality.—Darling, Pearson & Over are this week taking tenders on a brick residence for T. Harry Webb.—J. O. Marchand, architect, of Montreal, is understood to have been requested to prepare new plans for the St. Boniface Cathedral so as to keep the cost within $150,000.—A project is on foot to erect a large store and office building on the north west corner of Main street and McDermott ave.—The City Engineer has been instructed to prepare estimates of the cost of two bridges over the Red River. — Hooper & Walker, architects, want tenders by 9th inst. for brick veneer residence on stone foundation. — The Board of Zion church desire tenders for a new organ, which is expected to cost about $6,000.—C. J. Brown, City Clerk, is asking for tenders up to Tuesday, April 4th, for supply of from 20,000 to 30,000 barrels of cement, also for from 1,500,000 to 3,000,000 feet of lumber.—It is reported that a new brick block will be built this spring on Portage Ave. adjoining the Manitoba Hall.—R. Rogers, Minister of Public Works, is asking for tenders up to Saturday, 11th inst., for erection of bridge over the Whitemouth River.

MONTREAL, QUE.—David Seath, Secretary Harbor Commissioners, invites tenders up to Tuesday, 14th inst., for supply of cement, stone, sand, paving blocks and timber.—The Montreal Diet Dispensary have acquired the premises at 79 Mansfield street and will on May 1 commence the renovation of the building.—The Roman Catholic School Commissioners will apply to the Legislature for permission to float a loan of $200,000 for building new schools.—George Janin, Superintendent of the Water Department, has submitted a report on proposed improvements to the waterworks system. He recommends the following work: Construction of a lateral conduit with a discharge of 50,000,000 gallons daily, $660,000; excavations, stop gates, etc., $817,000; wheelhouse, new pumping machinery, etc., $300,000; extending the conduit out into the St. Lawrence by means of two pipes, $75,000; widening and deepening of tailrace, $45,000; suction wells for pumps, $20,000.—George B. Burland has had plans prepared by Robert Findlay, architect, for a superintendent's residence which he intends to present to the Protestant Hospital for the Insane.—Thomas Friscot intends building a large tenement house on Labelle street.—The following permits have been granted: Patrick Scott, Frontenac street, two-storey wood and brick dwelling, cost $1,500; Emery Lesperance, Bienville street, pair two-storey wood and brick dwellings, cost $3,000; Estate Late Hon. Marcus Doherty, pair three-storey brick and stone dwellings, cost $17,550; Thos. Fricot, Plessis street, two-storey wood and brick dwelling, cost $2,000; Damase Leveille, Fabre street, two-storey wood and brick dwelling, cost $1,800; Miss Marie L. Leclair, Montcalm street, pair two-storey wood and brick dwellings, cost $3,300; Jos. Guay, St. Andre street, one-storey wood and brick dwelling, cost $1,000; Lymburner & Mathews, St. Urbain and St. Catherine streets, three-storey brick and stone dwelling and factory, cost $20,000; Mrs. D. Yuile, improvements to house and factory, $4,000; A. Duperrault, University street, improvements to dwelling, $2,000; J. T. Barlow, Place d'Armes Hill, improvements to dwelling and stores, $2,000.—The Dominion Coal Co. purpose extending their crib work at Windmill Point and erecting a trestle.—Henry J. Fuller has purchased the business of the Fairbanks Co. in Canada and has organized the Canadian Fairbanks Co. He proposes to build a large factory for the manufacture of scales, railway and mill supplies, etc.

TORONTO, ONT.—Gordon & Helliwell, architects, are asking for tenders up to 9th inst. for stone, brick and concrete work of houses on McMillan street.—It is understood that the Toronto and Niagara Power Co. propose to commence the construction of an electric railway from Toronto to Niagara Falls at an early date.—The directors of the Traders Bank have decided to build a substantial new office building on the corner of Colborne and Yonge streets.—The Board of Control are asking for tenders up to Tuesday, 14th inst., for laying a 48-inch steel pipe extension to the Jarvis street sewer.—The Perkins property on corner of St. George and College streets, on which the new public library is to be built, will be turned over to the city on July 1 next.—The Westmoreland Methodist church on Westmoreland ave. have acquired 20 feet of land on which to build an addition to the Sunday school.—The Yonge street Methodist church will build on Macpherson ave. if the present property can be advantageously disposed of.—The City Engineer is preparing data as to the cost of establishing a municipal electric light plant.—The estimates of the Property Committee include $40,000 to complete the unfinished assembly hall in the City Hall, $45,000 to repair the freight shed on west side of block "D" and erect a new one on the east side, and $15,000 for sheds to be built on the ferry docks.—F. H. Herbert, architect, is asking for tenders up to Friday, 10th inst., for remodelling and making extensive additions to residence on Bloor street east.—John Poucher, contractor, has purchased a block of land on north-east corner of Broadview and Sparkhall ave. on which he intends building twenty-five houses.—The trustees of Simpson ave. Methodist church have decided to take steps towards building a new church on the site recently acquired at corner of Simpson ave. and Howland road.—The City Engineer has recommended the construction of the following pavements: Asphalt—Chestnut street, from Queen to Armoury, $6,445; George, from Duke to Queen, $8,975; D'Arcy, from McCaul to Spadina, $11,074; George, from King to Duke, $3,519,

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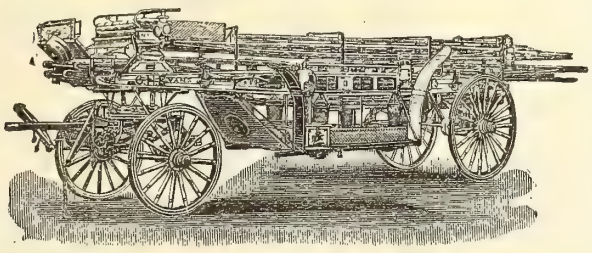

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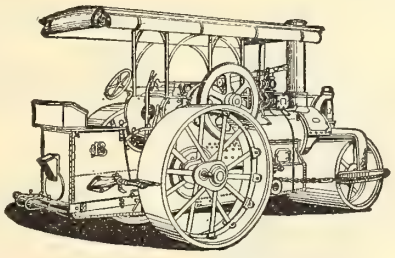

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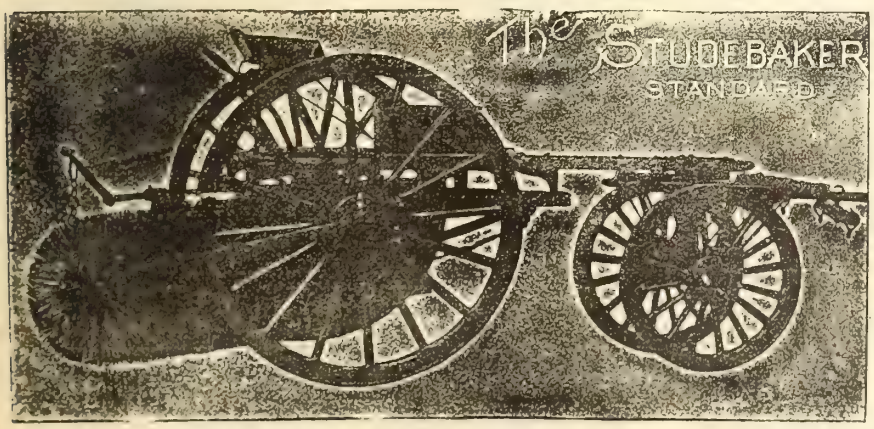

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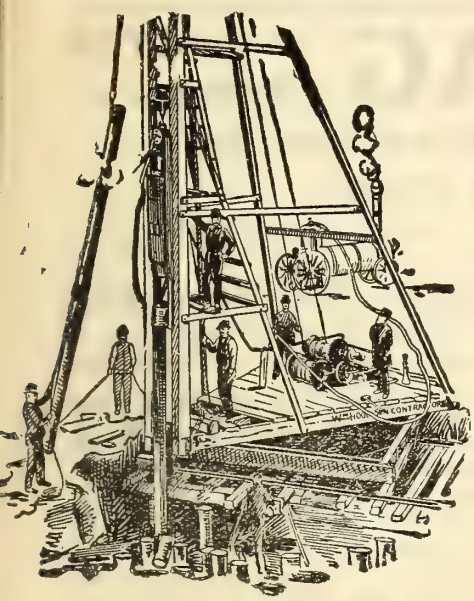

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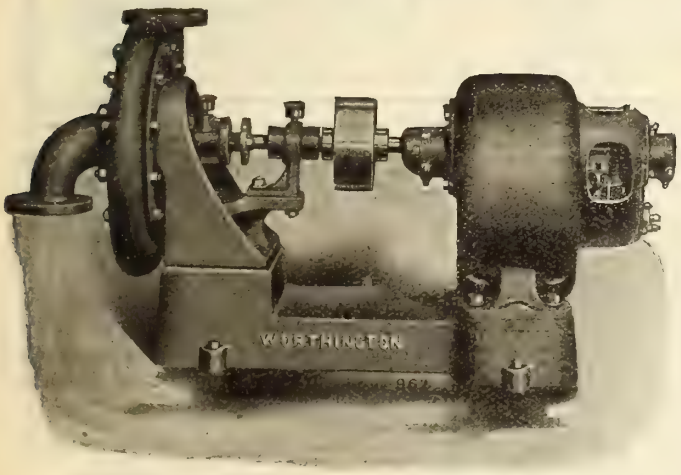

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Bitulithic — Frederick, from King to Duke, $2,856. Brick—Lane, first west of Jarvis from Shuter, 446 1-4 feet south, $1,622.—Building permits have been granted as follows: Sheppard Publ shing Co., alterations to roof, sky-light and office partitions of office buildings, north side Adelaide street, near Yonge, cost $1,500; Standard Bank, alterations to bank, brick, south-west corner King and West Market streets, co t $7,000; Devitt & Holt, pair of s two-storey and attic brick and stone dwe lings, Markham street, near B.oor, cost $4,000; East & Co., a four-storey brick addition to trunk factory, 300 Yonge street, cost $1,600; H. W. Love, five two-storey roughcast dwellings, brick fronts, east side Grant street near Kintyre, cost $8,000; Chadwick & Beckett (in trust), two-storey brick and stone factory, west side Booth ave., near Natalie street, cost $25,000; Mrs. Thos. Davidge, two-storey brick dwelling, Sylvan ave., near Havelock street, cost $2,000; S. S. Hallam, two-storey stone and brick dwelling, east side Grace street, near College, cost $2,200; A. B. Frizzell, two-storey brick dwelling, west side Havelock street, near Dewson, cost $2,750; J. M. Sinclair, one-storey addition to factory, brick, rear of 114 Adelaide street west, cost $2,000; A. A. Barthelmes, two pairs two-storey and attic brick and stone dwellings, south side Wells street, near Brunswick ave., cost $11,000, also two two-storey and attic brick and stone dwellings, east side Brunswick ave., near Wells street, cost $9,500; N. Manning, two-storey and attic brick and stone dwelling, east side Bathurst street, near Ulster, cost $2,500; Mrs. Henry A. Gray, two-storey and attic brick and stone dwelling, west side Sherbourne street, near South Drive, cost $6,000; Caleb Evans, pair two-storey and attic brick and stone dwellings, east side Kendall ave., near Bernard, cost $6,000; E. J. Hobson, pair two-storey and attic brick and stone dwellings, west side Sorauren ave., near Pearson, cost $5,500; J. F. Morrish, two-storey and attic brick and stone dwelling, east side Palmerston ave., near Ulster street, cost $4,500; W. K. Colville, two-storey brick stable, rear 115 Duchess street, cost $3,500; William Roberts, pair two-storey brick dwellings, west side Shaw street, near Bloor, cost $4,000; F. T. Burgess, brick foundations under stores, 782 to 790 Queen street east, cost $2,000.

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FORT WILLIAM, ONT. — Four houses for Dr. Dean: A. C. Patch, contractor.

CHARLO, N.B.—Forks bridge, Restigouche County: John C. McLean, this place, contractor.

COLLINGWOOD, ONT.—Extension of wharf: Edward Conroy, of Petrolea, successful tenderer, price about $25,000.

VICTORIA, B.C.—Supply of electric light carbons: J. L. Beckwith, successful tenderer, $1,925.—Supply of cement: R. P. Rithet & Co., successful tenderers.

OTTAWA, ONT.—John O'Leary, of this city, has secured the contract for removing and rebuilding a dam on the St. Lawrence canal system, near Iroquois; price about $40,000.

ST. THOMAS, ONT.—Presbyterian church in Kilmartin: Architect, N. R. Darrach; masonry, A. Ponsford; carpentry, Green & Sons, painting, E. Dallyn; heating and metal work, Ingraman Davey.

MONTREAL, QUE.—The Locomotive & Machine Company, of Montreal, Limited have recently closed contracts for the structural material for the Royal Victoria Museum and the Dominion Mint at Ottawa and for the steel work of the new post office at Winnipeg, as well as for a large amount of bridge work for the Canadian Pacific Railway.

NIAGARA FALLS, ONT.—$23,000 4½ per cent. town debentures: Dominion Security Corporation, Toronto, succesful tenderer, premium of $279 and accrued interest. Other tenderers: George Wegmast, $230; Bank of Hamilton, $201.04; H. O'Hara and Co., Toronto, $125; Wood, Grundy, & Co., Toronto, $266; William C. Brent, Toronto, $158.00.

HAMILTON, ONT. — The City Council have not accepted the tender of the Cayuga Lake Cement Co. for supply of cement, but have sent the matter back to the committee for reconsideration. —Boilers for the high level pumping station: R. Quinn, successful tenderer, $1,100.—The contract for a year's supply of sewer pipe has been awarded to the Hamilton & Toronto Sewer Pipe Co.

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ALSEN'S, 45 Broadway, NEW YORK

THE OFFICIAL PRACTICAL TEST OF CONCRETE VAULT LIGHT CONSTRUCTION
UNDER THE PERSONAL DIRECTION OF
WM. BARCLAY PARSONS, C.E., M.AM.SOC.C.E.
CHIEF ENGINEER R. T. COMMISSION
AND
S. L. F. DEVO, C. E., M. AM. SOC. C. E.
CHIEF ENG. R. T. SUBWAY CONSTRUCTION CO.

GRANITE BLOCKS

MERELY SUSPENDED BETWEEN I-BEAMS A SLAB OF
ALSEN CONCRETE
2 INCHES THICK
5 FEET WIDE
12 1-2 FEET LONG
30 DAYS OLD
SUSTAINED 11,882 POUNDS OF CONCENTRATED WEIGHT
ON AN IRON DISC. 8 1-2 IN. IN DIAMETER

ALSEN'S HAS BEEN SELECTED IN PREFERENCE TO ALL OTHER BRANDS, FOR THE SUBWAY RAPID TRANSIT STATIONS OF THE ENTIRE SYSTEM, REACHING FROM THE BATTERY TO THE BRONX.

THOUGH HIGHEST IN PRICE, ALSEN'S IS BEING USED IN THIS VERY IMPORTANT CONSTRUCTION, NOT ONLY BECAUSE OF ITS GREATER STRENGTH, BUT CHIEFLY BECAUSE OF ITS ABSOLUTE SAFETY IN ACTUAL WORK.

8 1-2 INCH IRON DISC
TO CONCENTRATE WEIGHT
MADE BY TUCKER & VINTON, INC., NEW YORK CITY
RANSOME PATENTS

Prices of Building Materials.

LUMBER

CAR OR CARGO LOTS, F.O.B. TORONTO.

	Per M. Ft.	
1 inch No. 1 Pine cuts and better	$48.00 to	$50.00
1½ to 2 inch No. 1 cuts and better	51.00	53.00
1 inch No. 3 Pine cuts and better	37.00	38.00
1½ to 2 inch No. 3 cuts and better	38.00	39.00
1 inch Pine Dressing and better shorts	25.00	27.00
1 x 4, 6 and 8 Common	18.00	19.00
1 x 10 and 12 Common	19.00	21.00
1 inch mill run sidings	21.00	22.00
1 inch mill run	20.00	21.00
1 x 10 and 12 mill culls	15.00	16.00
1 inch dead cull sidings	12.00	13.00
1½ inch Flooring	26.00	27.00
Hemlock, 1 x 4 to 8 inch	14.50	15.50
2 x 4 to 10 inch, 12 to 16 feet	15.00	16.00
2 x 4 to 10 inch, 18 feet	16.00	17.00
1½ inch No. 1 4 ft. Pine Lath	3.00	3.50
1½ inch No. 2 4 ft. Lath	2.80	2.90
1½ inch No. 1 4 ft. Hemlock Lath		2.80
XXXX Pine Shingles	2.90	3.00
XXX Cedar Shingles	2.80	2.90
B. C. Shingles:		
XXX 6 butts to 2 inch		2.60
XXXX 6 to 23-16 inch		2.80
XXXXX 5 to 2 inch		3.15

HARDWOODS—PER M. FEET CAR LOTS.

Ash, white, 1sts and 2nds, 1 to 2 inch	$33.00 to	$35.00
Ash, black, 1sts and 2nds, 1 to 1½ inch	27.00	29.00
Birch, M. R. 1 inch	22.00	24.00
" 1½ inch to 2	23.00	25.00
Basswood, Common and better, 1 to 1¼ inch	24.00	25.00
Basswood, 1½ to 2 inch	25.00	26.00
Elm, soft, mill run, 1 to 1½ in	24.00	25.00
Elm, rock, mill run, 1 to 1¼ in	24.00	26.00
Maple, common and better, 1 to 1½ inch	21.00	22.00
Oak, red plain, 1sts and 2nds, 2 to 4 inch	44.00	46.00
Oak, white, 1sts and 2nds, 1 to 1½ inch	42.00	44.00
Oak, quartered, 1sts and 2nds	70.00	80.00

PRESSED BRICK. Per M.

MILTON PRESSED BRICK AND SEWER PIPE CO.

	F.O.B. Milton, Ont.	F.O.B Montreal
Red No. 1	Please write to head office, Milton, Ont., for catalogue and prices.	$18.00
" 2		16.00
" 3		14.00
Buff No. 1		20.00
" 2		18.50
Brown		25.50
Roman Red		30.50
" Buff		33.50
" Brown		40.50
Hard Building		12.00
" Sewers		12.00
" Backing		11.50

DON VALLEY PRESSED BRICK WORKS.

Nos. 1, 2 and 3, Red Pressed Bricks
Nos. 1 and 2 Buff Pressed Brick
No. 1 Brown Pressed Brick
Pompeiian Red, Buff and Brown Pressed Bricks
Ornamental Bricks of all kinds for Mantel purposes.
Porous Terra Cotta Fireproofing of all Descriptions
Vitrified Street-Paving Bricks
Semi-Vitrified Foundation Bricks
Common Stock Red and Grey Bricks
Sewer Bricks
Stone or Macadamized Roadways

Please write to head office 34 Toronto St. Toronto for catalogue and prices.

(Coninued on page 14.)

If Its

WATERWORKS
PUMPING
ENGINES

FIRE
HYDRANTS
OR
VALVES
for
Steam, Water, Gas
and
Radiation

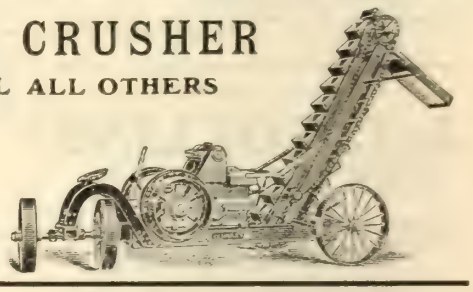
Get Catalog and Prices of
THE KERR ENGINE CO'Y
Limited
Walkerville - - Ontario

PORTLAND CEMENT
SAMSON BRAND *MAGNET BRAND*
MANUFACTURED BY
THE OWEN SOUND PORTLAND CEMENT COMPANY, LIMITED
Owen Sound, Ont.
Works at SHALLOW LAKE, ONT. Write us for prices

McGREGOR & McINTYRE, LIMITED
67 to 91 Pearl Street, Toronto, Ont.
STRUCTURAL IRON WORKS
Fire Escapes, Library Racks, Sidewalk Door, Jail Cells, Iron Stairs, Railings, Etc., Etc.
SOLE AGENTS FOR DUPLEX HANGERS WRITE FOR ESTIMATES.

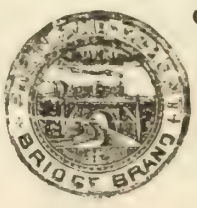
Portland Cement...
HIGH GRADE GERMAN BRANDS FOR GRANOLITHIC AND ARTIFICIAL STONE SIDEWALKS.
Sewer Pipes, Culvert Pipes, &c. Best English Cements. Best Belgian Cements
W. McNALLY & CO., Montreal

CLIMAX STEEL CRUSHER
PORTABLE - EXCEL ALL OTHERS
SIZES, 8 x 10 9 x 15 10 x 20
STATIONARY, 10½ x 22 12 x 28
Send for Prices
CLIMAX ROAD MACHINE CO.
Hamilton, Ont.



A HUMILIATING POSITION
To have a friend decline to go on your Bond, but why should any man go on a Bond.
The United States Fidelity & Guaranty Co.
issues all kinds of Bonds.
A. E. KIRKPATRICK, Manager for Canada.
6 COLBORNE STREET, - TORONTO, ONT.

PORTLAND CEMENT
SEWER PIPES
FIRE BRICKS
FIRE CLAY
ALEX. BREMNER
50 Bleury Street, MONTREAL

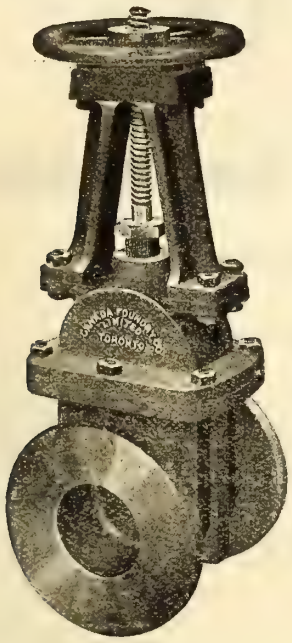


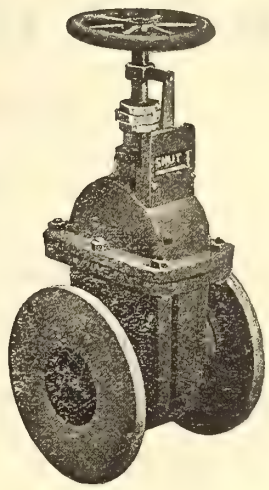
W. & F. P. CURRIE & CO.
345 St. James St., Montreal
Importers of
SEWER PIPES,
CULVERT PIPES, ETC.
VENT LININGS,
FLUE COVERS,
FIRE BRICKS,
FIRE CLAY,
WHITING.
PORTLAND CEMENTS,
HIGH GRADE ENGLISH
" " GERMAN
" " BELGIAN
PLASTER OF PARIS
BORAX,
CHINA CLAY.

WATERWORKS SUPPLIES

OF EVERY DESCRIPTION

Cast Iron, Gas and Water Pipe
Valves, Hydrants, Valve Boxes
Special Castings





Railway Supplies, Structural Steel, Ornamental Ironwork

CANADA FOUNDRY COMPANY LIMITED

Head Office and Works: TORONTO, ONT.

District Offices: MONTREAL HALIFAX OTTAWA WINNIPEG CALGARY VANCOUVER ROSSLAND

THOS. J. DRUMMOND, President. JAMES T. McCALL, Secretary-Treasurer. C. ED. GUDEWILL, Vice-President

Montreal Pipe Foundry Co., Limited

Special Castings
Flange Pipe
Branches
Hydrants
Valves

CAST IRON PIPE

Valve Boxes and general Water Works Supplies

Works at: LACHINE, QUE. THREE RIVERS, QUE LONDONDERRY, N. S.

Combined daily capacity 175 Tons Pipes and Castings.

HEAD OFFICE CANADA LIFE BUILDING. MONTREAL

JAMES THOMSON, President. J. G. ALLAN, Vice-President. JAMES. A. THOMSON, Secretary. ALEX. L. GARTSHORE, Treasurer.

THE GARTSHORE-THOMSON PIPE & FOUNDRY CO.

LIMITED.

Manufacturers of

Flexible and Flange Pipe, Special Castings and all kinds of Waterworks Supplies

CAST IRON PIPE

3 inches to 60 inches diameter.

For Water, Gas, Culvert and Sewer

HAMILTON, ONT.

The Good Roads Machinery Company

Limited

Hamilton, Canada

The Steel "CHAMPION" Reversible Road Machine

The Simplest, Strongest and Best.
Built for Service. A Strictly High-Grade Road Machine.

"CHAMPION"

Rock Crushers, Elevators, Revolving Screens, Street Mud Cleaners, Sweepers, Road Graders, Road Rollers, Macadam Spreading Wagons, Road Plows, Portable or Stationary Engines, Wheel and Drag Scrapers, Etc.

All mechanics agree that the simpler the machine the more valuable it is. In complicated machines look out for trouble and expense.

☞ *Send for latest printed matter and our 1905 Calendar to*

Good Roads Machinery Company, Limited, JOHN CHALLEN, President and General Manager.

Address—Late Killey Beckett Works, 144 York Street, HAMILTON, ONT.

Prices of Building Material

(Continued from page 12.)

TORONTO PRESSED BRICK AND TERRA COTTA WORKS

	F.O.B. Milton, Ont.
Red No. 1	13 00
" 2	15 50
" 3	9 00
Buff No. 1	15 00
" 2	13 00
Brown	25 00
Roman Red	30 00
" Buff	35 00
" Brown	40 00
Hard Building	8 00
" Sewer	7 50
" Backing	6 00

Moulded and Ornamental from $2.00 to $5.00 per 100.
Terra Cotta String Courses and Frieze, from 50c. to $2.00 per ft. run.
Roofing Tiles, $20.00 per 1,000.

BEAMSVILLE BRICK AND TERRA COTTA CO.

	F.O.B. Beamsville.	F.O.B. Montreal.
Red Peerless Facing	$16 00	$21 50
" No. 1	14 00	19 50
" No. 2	12 00	17 50
" No. 3	10 50	15 00
Brown Peerless Facing	20 00	25 50
" No. 1	18 00	23 50
Buff Peerless	20 00	25 50
" No. 1	18 00	23 50
" No. 2	15 00	20 50

Moulded and Ornamental Brick from $3 to $10 per C:

Roman Red (Size 12 x 4 x 1½ in.)	30 00	35 50
" Buff " "	30 00	35 50
" Brown " "	34 00	39 50
Vitrified Paving Brick No. 1	18 00	23 50
" " " No. 2	15 00	20 50
Sewer	8 00	13 50
Roofing Tile	22 00	20 00

FIRE BRICK

TORONTO POTTERY CO.	F. O. B. Toronto Car lots	Less
Boyd	20 00 M.	25 00 M.
W. W. Co.	22 50 M.	27 50 M.
Savage Crown	28 50 M.	32 00 M.
Ramsay		30 00 M.

STONE.	Toronto.	Montreal
Common Rubble per toise, delivered at building	13 50	11 00
Large flat Rubble, per toise, delivered	14 00	18 00
Foundation Blocks, per c. ft.	40	50
Granite (Stanstead) Ashlar, 6 in. to 12 in., rise 9 in., per ft.		25
Amherst Red Sandstone Amherst, N.S., per cub. ft. on cars at quarry 40c . . per quarry		40
Dorchester, N.B., brown or red stone f. o. b. Quarries	45	45
Wallton	30	40
Myers-Northport Red or River		

	Toronto.	Montreal.
Philip Gray Sandstones f.o.b. per cubic foot	75	65
Stanstead granite paving blocks, 8 in. to 12 in. x6 in. x4½ in. per M		50 00
Granite curbing stone, 6x 20 in. per lineal foot		70
Buctouche Olive Freestone	85	65
Olive Sandstone (Indiantown, N. B)	80	70
Brown Sandstone (Sackville, N. B.	80	70
Moat red sandstone, per cu. ft.		60
Black Pasture buff stone per cu. ft.		50
Hagersville Crushed Stone per ton	1 25	
Nova Scotia blue grey, per cu. ft.		65
Coursers, 6 to 8 in. f. o. b. St. Mary's. per cord		7 00
Footing, 6 to 10 in. per cubic ft.		15
Dimension Stone, f. o. b. St. Mary's, per cubic foot		35
Granite (Laurentian Pink) Ashlar, 6 to 12 in., rise 9 in., per c ft.		25
Dimension Stock Granite, (Laurentian Pink) for building purposes, per c. ft., f.o.b. quarries		40
Do., for polishing purposes, up to 2 tons weight, per cubic foot		70
	F.O.B. Halifax	
Dimension stock granite for building purposes, per cu. ft.		40
Do., for polishing purposes, up to 2 tons weight, per cubic ft.		1 00
Paving sets, per thousand block		60 00

CREDIT VALLEY STONE.

	F.O.B. Quarries.
Rubble, per ton	60
Brown Coursing, up to 10 per sup. yard	1 75
Brown dimension, per cub.	70
Grey coursing, per sup. yard	1 25
Grey dimension, per cub. ft.	40

ROMAN STONE. F. O. B. Factory.

6" x 3" Sills, tooled seated and throated 35c. per lineal foot	
Window Heads and Ashlar, 40c per square foot	
Window and Door Quoins tooled 40c. per superficial foot	
String Courses, Molded or Ornamental, 6" to 12" rise 50c to $1 50 per lineal foot	
Hollow wall tooled finish 14" thick 40c. per square foot	

SLATE.	Toronto.	Montreal.
Roofing (per squares).		
red	20 00	20 00
purple	9 00	10 00
unfading green	10 00	11 00
black	9 00	9 00
Terra Cotta Tile, per sq	23 00	25 00
Ornamental Black Slate Roofing		77 00

PORTLAND CEMENT

(CARLOADS.)

Canadian (Packages, 350 lbs. net.):	Toronto.		Montreal	
Rathbun's Star	1 70	2 00	1 80	2 00
Trowel			1 85	1 95
Samson	1 75	1 85		
Magnet	1 55	1 65		
Monarch	1 80	1 90	1 90	2 00
Hercules	1 75	1 75		
Imperial		1 80		
Crescent 375 lbs. gross	2 30	2 40	1 95	2 05
Diamond 350 " "	2 20	2 30	1 85	1 95
"Giant" Brantford	1 75	2 00	2 00	2 50
American (in Bags):				
"Helderberg"			1 90	2 00
Alsen				2 25
Lehigh, in bbls., 375 lbs.		2 35	2 10	2 20
" cotton sacks, 350 net		2 00		2 00
" paper bags		2 10		1 85
"Iron Clad" in bags 350 lbs.			1 80	1 90
"Invicta" " " "			1 65	1 70
"Adirondack" " " "			1 50	1 65
Vulcanite (The Toronto Pottery Co., Limited Toronto) 350 lbs. per bbl.				
In paper bags		1 80		
" wooden bbls		2 00		
" cotton bags		2 10		
English in Barrels):				
Brook's Shoobridge Anchor	2 35	2 40	2 00	2 10
Belgian (in Barrels):				
"Josson"	2 60	2 70	2 20	2 30
"North's Condor	2 05	2 10	2 25	2 30
"White Cross"	1 90	2 00	1 75	1 80
Hammer			1 80	1 90
White Star	2 15	2 25	1 90	2 00
Samson			1 80	1 90
German (in Barrels):				
Offenbacher				2 35
Alsen	2 65	2 95		2 40
Dyckerhoff	2 65	2 75		2 40
Hercules	2 25	2 35		2 15
Keene's Superfine "Whites"	10 00	12 00	8 50	9 00
Keene's Coarse "Whites"	6 50	7 00	4 50	5 00
Fire Bricks, Newcastle, per M	27 00	32 00	18 00	22 00
" Scotch "	28 00	33 00	19 00	23 00
Plaster Calcined N.B.		1 70		1 60

(CORRECTED UP TO MARCH 7TH

CANADIAN

Contract Record

A Weekly Journal of Public Works, Tenders, Advance Information and Municipal Progress

This Paper Reaches Every Week the Town and City Clerks, Town and City Engineers, County Clerks and County Engineers, Purchasers of Municipal Debentures and Leading Contractors in All Lines Throughout Canada

VOL. 16. TORONTO, MONTREAL, WINNIPEG, MARCH 15, 1905 No. 5

THE CANADIAN CONTRACT RECORD
PUBLISHED EVERY WEDNESDAY
As an Intermediate Edition of the Canadian Architect and Builder.
THE C. H. MORTIMER PUBLISHING COMPANY
of Toronto, Limited,
Subscription Price, $2 per annum, payable in advance.

CONFEDERATION LIFE BUILDING, TORONTO.
Telephone Main 2362.
Branch Offices:
38 Alliance Building, Montreal,
Telephone Main 2299.
720-721 Union Bank Building, Winnipeg.
22 Great St. Helen's, London, England.

Subscribers who may change their address should give prompt notice of same. In doing so give both old and new address. Notify the publishers of any irregularity in delivery of papers.

TO CONTRACTORS

Tenders will be received until TUESDAY, THE 21ST OF MARCH, for the erection of

Large Additions to Foundry Building.

Plans and specifications can be seen and all other information obtained at the office of the architect.

E. J. LENNOX, Architect.

Tenders Wanted

Tenders will be received by the undersigned up to 5 o'clock p.m. on WEDNESDAY, 29TH INST., for the Masonry, Rough Carpentry, Steel Construction, Slate and Metal Roofing, etc., required for the substructure of St. Patrick's Church, McCaul Street, Toronto; also for all trades except heating for a church at Uptergrove, Ont.

The lowest or any tender not necessarily accepted.

A. W. HOLMES,
Architect,
Toronto, Ont.

TENDERS WANTED

Town of Owen Sound Debentures.

Tenders will be received by the undersigned up to 6 o'clock p.m. on FRIDAY, 17TH MARCH, 1905, for the following debentures:

Guaranteed by the County of Grey, $15,000 for improvement of Gas Plant; $10,000 for improvement of Electric Light Plant.

Dated 1st February 1904, payable 1st February, 1924, interest 4 per cent. per annum half yearly, February and August.

By-laws are approved by A. Bruce, Esq., K.C., Hamilton.

No tender necessarily accepted.

A. J. SPENCER, Town Treasurer.
Owen Sound, 17th February, 1905.

OPENING FOR AN ARCHITECT

Advertiser desires to learn of an architect, thoroughly reliable and honorable, who wishes to find a good location for business, in Eastern Canada; must be energetic and well recommended. Englishman preferred, but he should be able to speak French also. Address "J.D" care CONTRACT RECORD, Toronto, Ont.

TENDERS

For Supply of from

20,000 TO 30,000 BARRELS OF CEMENT.

Sealed tenders addressed to the Chairman of he Committee on Works, for the supply of from 20,000 to 30,000 barrels of cement, will be received at the office of the undersigned up to 8.30 p. m. on TUESDAY, APRIL 4th, 1905.

Specifications and forms of tender may be obtained upon application at the office of Col. H. N. Ruttan, City Engineer, Winnipeg.

Each tender must be accompanied by an accepted cheque, draft or cash deposit for the sum called for in the form of tender supplied, which will be subject to forfeiture in case of failure on the part of the contractor to enter into a written contract if called upon to do so.

The city reserves the right to reject any or all tenders, or to accept any bid which appears advantageous to the city of Winnipeg.

C. J. BROWN, City Clerk.

City Clerk's Office,
Winnipeg, March 3, 1905.

TOWN OF
PORTAGE LA PRAIRIE
PROVINCE OF MANITOBA

WATERWORKS AND SEWERAGE WORKS

Sealed tenders will be received by the Secretary-Treasurer until 8 p. m. on

WEDNESDAY, APRIL 12th, 1905,

for the following sub-divisions of the proposed works:

Contract "A"—Pipelaying on Water Works and Sewerage Works.
Contract "B"—Power House.
Contract "C"—Water Tower.
Contract "G"—Pumping Machinery.
Contract "H"—Boilers.

Plans and specifications, &c., may be seen at the office of the Secretary-Treasurer, Portage la Prairie, or at the office of the Chief Engineer, 103 Bay Street, Toronto, after March 6th, 1905.

F. A. WHITAKER, Esq.,
Sec.-Treas.
EDWARD BROWN, Esq.,
Mayor.
WILLIS CHIPMAN, C.E., Chief Engineer,
Toronto, Ontario.

THE BITULITHIC PAVEMENT

We are prepared to furnish Municipal Corporations and Responsible Contractors with the necessary plant, bitumen for the three courses, expert advice and laboratory testing on a royalty basis under our patent for laying the Bitulithic Pavement. We are also prepared to instal Municipal Paving Plants.

WARREN BROTHERS COMPANY,
93 Federal St., Boston.

TENDERS FOR BUILDINGS

Sealed proposals will be received at the Division Engineer's Office, Winnipeg, until eighteen (18.00) o'clock, SATURDAY, MARCH TWENTY-FIFTH (25th), 1905, by the Canadian Pacific Railway Company, for the construction of any or all of the following buildings:

No. 2 Section Houses, on Stone Foundations

FORT WILLIAM SECTION.
Sunshine. Poland. Biota.

IGNACE SECTION.
Minnitaki. Barclay.

NAPINKA SECTION.
Mather.

ARCOLA SECTION.
Pipestone. Reston. Antler. Redvers. Manor.

ESTEVAN SECTION.
Beresford.

No. 2 Section Houses, on Posts and Sills

SWIFT CURRENT SECTION.
Boharm. Mortlach. Secretan. Ernfold. Herbert. Waldeck, Aikins.

PORTAL SECTION.
Midale. Ralph. McTaggart, Wilcox. Lang. Hitchcock.

Freight Sheds

Crystal City, 40 feet x 26 feet, Killarney, 30 feet x 60 feet.

No. 2 Portable Station, F. O. B. Nearest Shipping Point

Parry. Netley. Grand Pointe. Headingly. Deleau. Harding. Pendennis. Bradwardine. Carnegie. Hazelcliffe. Manson. Stockholm. Grayson. Killaley. Patrick. Girvin.

Pump Houses

Tantallon, Neudorf. Parkbeg.
Combined Station at Balmoral.
Combination Oil and Storehouse at Regina.
Station at Crystal City. Chaplain. McLean.
Boiler House at Rat Portage.
14 Tool Houses, f. o. b. cars at the nearest shipping point.

The right is reserved to reject any or all proposals, to award the contract to other than the lowest bidder, or to readvertise for proposals should the Company deem such a course advantageous to its interests.

Plans, specifications, form of proposal can be seen at the

Division Engineer's Office, Winnipeg.
Superintendent's Office, Fort William.
Superintendent's Office, Brandon.
Superintendent's Office, Moose Jaw.

Envelopes containing proposals should be marked, "Proposals for Buildings."

J. E. SCHWITZER,
Division Engineer,
Winnipeg, Man.

Winnipeg, March 4, 1905.

[FOR ADDITIONAL ADVERTISEMENTS FOR TENDERS SEE NEXT PAGE.]

TENDERS WANTED

Tenders are invited by the undersigned until MARCH 28TH, 1905, for the construction of a bridge over the Welland River known as Robins Bridge, about 2 miles from Perry Station.

The superstructure to be of concrete, built on oak piling 12 ft. 3 in. in height above low water mark. The superstructure is to be of steel 100 ft. in length with a clear roadway of 16 ft. width.

Tenders will be received for substructure or superstructure separately if so desired.

Plans and specifications may be seen at the Clerk's office, Welland. The lowest or any tender not necessarily accepted.

ROBERT COOPER, County Clerk.

Clerk's Office, Welland, February 27th, 1905.

TENDERS FOR
Six Street Sprinklers

Sealed tenders for the construction and delivery of six Sprinkling Waggons, addressed to the Chairman of the Committee on Works, will be received at the office of the undersigned up to 8.30 p. m., on TUESDAY, MARCH 28, 1905.

Specifications and forms of tender may be obtained at the office of Col. H. N. Ruttan, City Engineer, Winnipeg, Canada.

Each tender must be accompanied by an accepted cheque, draft or cash deposit for the sum called for in the form of tender supplied, which will be subject to forfeiture in case of failure on the part of the successful tenderer to enter into a written contract if called upon to do so.

The city reserves the right to reject any or all tenders or to accept any bid which appears advantageous to the City of Winnipeg.

C. J. BROWN, City Clerk.

City Clerk's Office,
Winnipeg, March 10, 1905.

Tenders for
Arches and Culverts

Sealed proposals will be received at the Division Engineer's Office, Winnipeg, until eighteen (18.00) o'clock SATURDAY, MARCH 25TH, 1905, by the Canadian Pacific Railway Company, for the construction of any of the following arches and culverts :

FORT WILLIAM SECTION.

Bridge 332—Mileage, 108.3; 7 ft. concrete arch; approximate length, 25 ft.
Bridge 333—Mileage, 107.1; 10 ft. rail top culvert.
Bridge 376—Mileage, 79.9; 10 ft. rail top culvert.
Bridge 380—Mileage, 79.6; 10 ft. concrete arch; approximate length, 37 ft.
Bridge 384—Mileage, 77.2; 8 ft. rail top culvert.

IGNACE SECTION.

Bridge 176—Mileage, 95.7; 7 ft. concrete arch; approximate length, 47 ft.
Bridge 215—Mileage, 68.4; 10 ft. rail top culvert.
Bridge 254—Mileage, 29.6; 10 ft. rail top culvert.

RAT PORTAGE SECTION.

Bridge 30—Mileage, 91.7; 10 ft. rail top culvert.
Bridge 39—Mileage, 72.4; 10 ft. concrete arch; approximate length, 55 ft.
Bridge 50—Mileage, 57.1; 10 ft. rail top culvert.

PORTAL SECTION.

Bridge 30—Mileage, 150.2; 12 ft. concrete arch; approximate length, 200 ft.

LARIVIERE SECTION.

Bridge.	Mileage.	Con. Arch.	Ap. Len.
112	88.2	8 ft.	30 ft.
	38.1	5 ft.	20 ft.
140	105.2	10 ft.	40 ft.
141	105.6	10 ft.	43 ft.
142	105.7	10 ft.	44 ft.
143	106.0	10 ft.	38 ft.
144	106.2	10 ft.	35 ft.
145	106.4	10 ft.	43 ft.

The company shall furnish rails cut to correct lengths, f.o.b. at the work.

The right is reserved to reject any or all proposals, to award the contract to other than the lowest bidder, or to re-advertise for proposals should the company deem such a course advantageous to its interests.

Plans, specifications and form of proposal can be seen at the

Division Engineer's Office, Winnipeg.
Superintendent's Office, Fort William.
Superintendent's Office, Brandon.
Superintendent's Office, Moose Jaw.

Envelopes containing proposals should be marked "Proposals for Arches and Culverts."

J. E. SCHWITZER,
Division Engineer, Winnipeg, Man.

Winnipeg, March 4, 1905.

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Wanted, a first-class Superintendent to oversee the construction of a $40,000.00 Public Building. Must be well qualified and thoroughly posted in all branches. Complete plans and specifications will be furnished.

Applications will be received until 12 o'clock noon, THURSDAY, MARCH 23. Apply Box 72, CONTRACT RECORD, Toronto, Ont.

CONCRETE SIDEWALKS

Sealed tenders addressed to John Morrison, City Clerk, will be received up to 4 p m. of FRIDAY, THE 24TH MARCH, for the construction of

CEMENT CONCRETE WALKS

in the city of Woodstock during the season of 1905.

Specifications may be seen and form of tender obtained at the office of the undersigned.

The lowest or any tender not necessarily accepted.

F. J. URE,
City Engineer.

CONTRACTS OPEN.

FERGUS, ONT.—George Beatty is taking tenders up to 18th inst. for erection of addition to residence.

ACTON, ONT.—T. S. Moore, Village Clerk, wants tenders by April 1st for construction of macadam streets.

CALGARY, N.W.T. — The McPherson Fruit Co. will build a warehouse here this spring, to cost about $12,000.

MASSEY, ONT.—Sims Bros. may install an electric light plant to light the saw mill and the village streets.

COWICHAN, B.C. — The Cowichan Waterworks Co. has been organized to construct a waterworks system here.

SYDNEY, N.S.—The A. C. Thompson Co. are this week taking tenders on erection of building for wire and nail works.

PARRY HARBOR, ONT.—Father Artus, Parish Priest, wants tenders for repairs and additions to St. Peter's church.

COLLINGWOOD, ONT.—The Electric Light Committee are considering plans for remodelling and extending the electric light plant.

PORTAGE LA PRAIRIE, MAN.—The Council have passed a bylaw to raise $10,000 by debentures for the improvement of Cresent Lake.

NEWCASTLE, N. B.—The Town Council will seek authority to re-issue its unsold waterworks, sewerage and electric light debentures.

WOODSTOCK, ONT.—John Morrison, City Clerk, wants bids by 21st inst. for purchase of $25,751.71 20-year 4½ per cent. debentures.

CARP, ONT.—J. P. McLaren, architect, of Ottawa, has prepared plans for a four-roomed school building to be built in S. S. No. 3, Huntley.

OLDS, N.W.T.—The Olds Milling & Elevator Co. has been formed here for the purpose of erecting a flour mill, elevator and electric light plant, to cost $15,000.

HALIFAX, N.S.—The City Council propose to borrow $30,000 for fire improvements, including a new steam fire engine and the erection of two brick stations.

NINGA, MAN.—The Ninga Milling Co. has been organized here to build a flour mill and elevator. Promoters, Thomas Hill, J. G. Washington and others.

BOWMANVILLE, ONT.—A by-law was carried here last week to grant a loan of $15,000 to the Durham Rubber Co., who purpose erecting a new brick building.

EDMONTON, N.W.T.—R. B. Ingalls, of Montreal, who holds the franchise for a street railway here, states that work will be begun immediately on the power house.

SWAN RIVER, MAN.—The Bank of Commerce are preparing to erect a stone and brick building.—Mr. Martin will build a new hotel to replace the Commercial.

WESTMOUNT, QUE. — A special committee has recommended to the Town Council the installation of an extensive waterworks system, at an estimated cost of $700,000.

GUELPH, ONT.—L. C. Wideman, architect, is preparing plans for private residences for George Bolton, jr., and Mr. Harris, both at Rockwood, about seven miles from this city.

THREE RIVERS, QUE.—Tenders for construction of a drill hall here will be received by the Department of Public Works, Ottawa, up to Friday, 24th inst. Plans at office of A. R. Shehyn, this place.

MEAFORD, ONT. — The Baptist church congregation have appointed a committee to obtain estimates of the cost of a new brick church.—The question of enlarging the present town hall or building a new one is being considered.

BRUCE MINES, ONT.—The Bruce Mines and Algoma Railway Co. have applied for power to construct a railway from a point on the C.P.R. between Chapleau and Biscotasing north to Hanna Bay.

CHARLOTTETOWN, P.E.I.—At a public meeting held here recently, resolutions were adopted for the immediate construction of a railway tunnel to connect the island with the mainland at Cape Tormentine.

LEAMINGTON, ONT.—Plans by J. L. Wilson & Son, architects, of Chatham, have been accepted for erection of new Methodist church; pressed brick, cut stone trimmings, metallic ceilings, auditorium finished in oak, hot water heating, cost about $25,000.

STURGEON POINT, ONT.—The Sturgeon Point Improvement Co. have elected directors. Colonel Dr. Ryerson, of Toronto, is president. A canvass will be made to secure the balance of the stock necessary to proceed with the erection of the proposed hotel.

KINCARDINE, ONT.—J. McCrimmon, Chairman High School Committee, will receive tenders up to Friday, 24th inst., for alterations, additions and improvements to the high school. Plans at offices of Stewart & Witton, architects, Hamilton, and W. E. Binning, architect, Listowel.

RICHIBUCTO, N.B. — Tenders are invited by the Department of Public Works, Ottawa, up to Monday, April 3rd, for construction of extension to breakwater here. Plans at offices of Geoffrey Stead, Chatham, N.B.; C. E. W. Dodwell, Halifax, N. S.; E. T. P. Shewan, St. John, N. B.; and on application to the Postmaster here.

PLEASANT BAY, N.S.—The Department of Public Works, Ottawa, desire tenders by Wednesday, 22nd inst., for construction of wharf here. Plans at offices of C. E. W. Dodwell, resident engineer, Halifax, E. G. Millidge, resident engineer, Antigonish, and at the Department, Ottawa.

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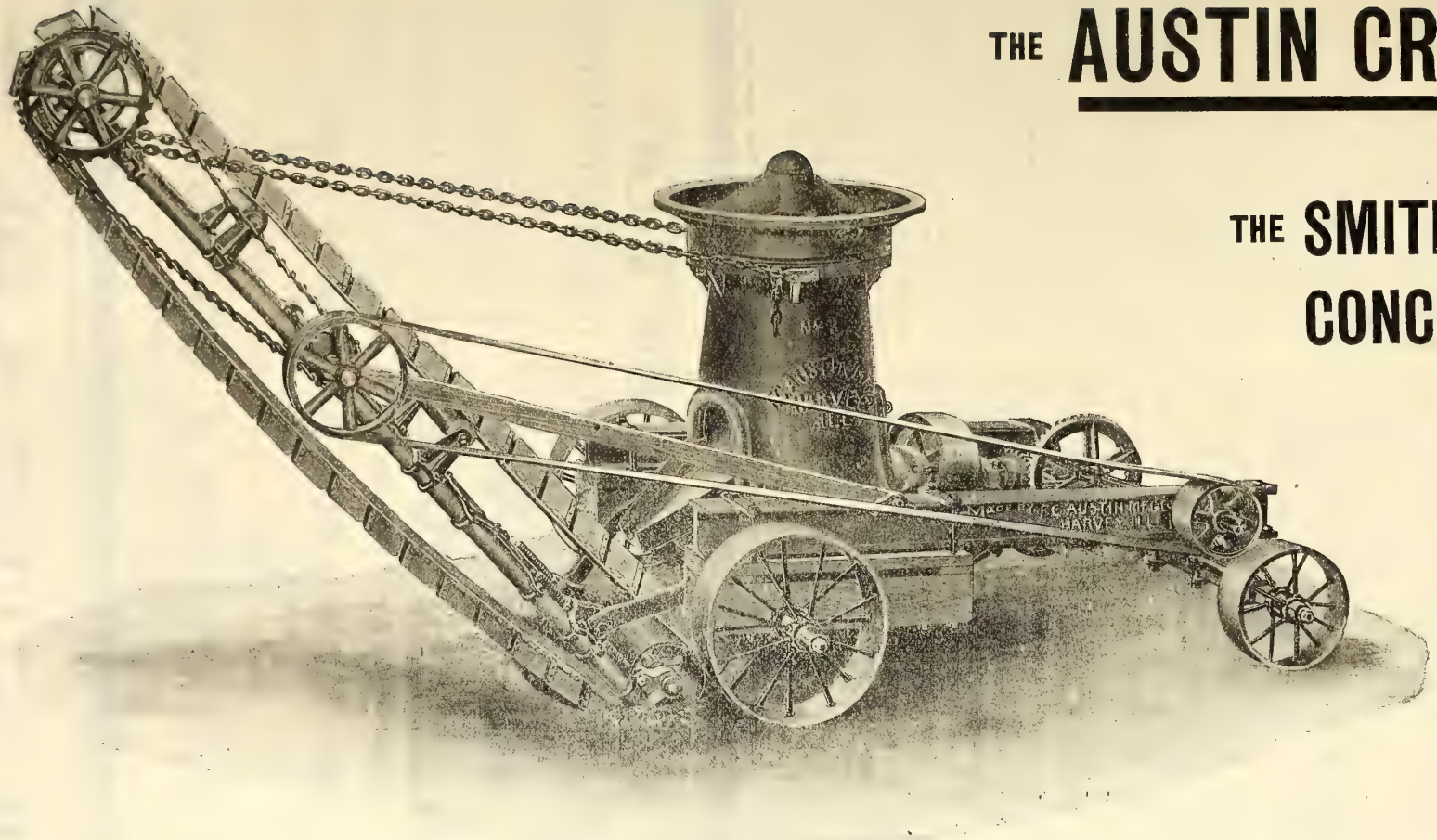

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RAILWAY, MINING AND CONTRACTORS' SUPPLIES

PETERBORO, ONT.—J. W. Fuller, engineer of the Dominion Public Works Department, is making surveys preparatory to the construction of a wharf at end of Lock street, to cost about $9,000.—The proposal to build a new fire hall is being considered by the City Council.—Some alterations have been made in the plans for new Collegiate Institute building and new tenders are invited up to 31st inst.

FORT FRANCES, ONT. — J. J. Stone, of Koochiching, has purchased three lots on corner of Portage ave. and Scott streets and will, according to report, build a $25,000 hotel thereon.—The by-law to raise $20,000 for fire apparatus and municipal buildings was carried by the ratepayers last week. The sum of $9,000 will be used for purchase of steam fire engine, hook and ladder truck, hose reel and hose.

ST. JOHN, N.B.—The Intercolonial Railway management have under consideration a number of extensive improvements to the railway station and approaches in this city. The Wall street and Stanley street iron bridges over the train yard will be replaced by more modern structures, the train shed and baggage room will be enlarged, and a new lighting plant installed in the roundhouse.—The City Council have under consideration a bill authorizing the construction of a lake or reservoir on the Mispec river and the taking of 7,750,000 gallons of water a day from the stream.

LONDON, ONT.—H. C. McBride, architect, has just taken tenders on alterations and additions to store of Scandrett Bros.—Building permits have been granted as follows: R. A. Jones, two-storey brick veneer double dwelling on Kensington street, West London; J. W. Older, 1½ storey brick veneer residence on Dreney ave.—Plans are now being prepared for the new Sunday school building for St. Andrews Presbyterian church, towards which $15,000 has been subscribed. — City Engineer Graydon will recommend that the Council grant $3,000 for repairing the stone walks on Richmond and Dundas streets.

VANCOUVER, B.C.—C. W. Murray, Secretary School Board, is asking for competitive plans up to 17th inst. for two school buildings.—The Britannia Power Co., which was incorporated last year, intend to dam Britannia Creek and convey the water by a pipe line to a power house to be located at Britannia Beach. An aerial tram line for carrying ore is also proposed.—The City Council are considering sites on which to build the proposed Old Men's Home.—A Victoria capitalist has purchased the City Hotel, corner Powell street and Columbia ave., and intends erecting a modern three-storey structure on the site.—The City Engineer has been instructed to prepare an estimate of the cost of required street improvements.

OTTAWA, ONT.—It is stated that the Dominion Government are securing options on property lying between St. Patrick and Rideau streets on Sussex street and Mackenzie ave. for the purpose of providing a site for a large new departmental building. — At the annual meeting of St. Andrews church last week, the question of enlarging the edifice was considered.—The Hemina Mining Co. have applied to Parliament for power to build a railway from Lake Huron through Victoria, Salter and Tennyson Townships.—The erection of two new fire stations was considered at the Council meeting last week. The Council will issue $38,000 of debentures for the building of new schools.—L. K. Jones, Secretary Department Railways and Canals, invites tenders up to 4 p. m. to-day (Wednesday) for supply of Portland cement for the Lachine, Grenville and Beauharnois canals.

HAMILTON, ONT.—The Otis-Fensom Elevator Co. will enlarge their present buildings in this city and in addition will erect a new foundry building and a new fireproof pattern vault.—Zion Tabernacle Trustees will likely decide this week as to proposed alterations to the church.—It has been definitely announced that the Swift Co., of Chicago, who control the Fowlers' Canadian Co. in this city, are having plans prepared for new buildings adjoining their present factory, to cost upwards of $50,000.—The Strathpeffer Co., Limited, has been formed, with a capital of $200,000, to build an apartment house at corner of Barton street and Birch ave. Plans for same are being prepared by A. W. Peene, architect.—In connection with the Cataract Power Company's extension of the radial railway to Oakville this year, nine double track bridges will be required.—The Canadian Drawn Steel Co., recently organized with a capital of $100,000, will build a plant in the Annex. Provisional directors, W. A. McCool, H. J. Waddie and D. R. C. Martin.—Architect Lampert, of Rochester, was in the city last week consulting with Manager Loudon regarding proposed improvements to the Grand Opera House.—At the County Council meeting last week a motion that the county build a House of Refuge was lost.—Building permits have been granted as follows: H. C. Beckett,

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residence on Hannah street, between Bay and Caroline street ; Mrs. Mills, residence on Robinson street, between Macnab and Park streets ; M. Kouber, residence, corner George and Locke streets ; F. J. Lyne, brick residence on Wentworth street, between Barton and Cannon streets, cost $2,000 ; W. A. Noble & Co., two residences, Hess street, cost $3,200 ; David Brown, two residences, corner Homewood avenue and Queen street, cost $3,600.

MONTREAL, QUE.—W. A. Price, architect, is preparing plans for an apartment house to be built by the Dorchester Apartment House Company on Dorchester street, opposite St. Matthews. Building will be 125 × 78 feet, brick, stone and steel, 8 stories and basement, with elevators, electric light, steam heating, mail chutes, fire apparatus, etc. ; estimated cost, $200,000. John A. Jacobs is the promoter.—L. O. David, City Clerk, is this week taking tenders on erection of two private lodgings in Bonsecours market.—The parks and ferries committee have appointed a committee to interview the harbor commissioners in regard to the building of an overhead bridge to reach St. Helen's Island ferry boats.—McKim, Mead &White, of New York, and Hutchison & Wood, of this city, are joint architects of new building to be built by the Mount Royal Club at corner of Sherbrooke and Stanley streets ; 110 × 114 feet, two stories and basement, cost $120,000.—The Protestant Board of School Commissioners have not yet decided upon a site for the new Senior school.—The following building permits have been granted : D. Champagne, St. Hubert street, three-storey wood and brick dwelling, cost $2,5000 ; Mount Royal Club, Sherbrooke & Stanley streets, two-storey stone club house, cost $120,000 ; Martin Eagan, Cadieux street, three two-storey brick and stone dwellings, cost $13,000 ; W. A. Handfield, St. James street, three-storey wood and brick dwelling, cost $3,000 ; Emery Chaumont, Dorion street, pair three-storey wood and brick dwellings, cost $6,000 ; Nap. Boyer, Hubert street, two-storey wood and brick dwelling, cost $2,000 ; Darling Estate, Drummond street, two-storey wood and brick dwelling and factory, cost $1,000 ; Emery Choquette, Hotel de Ville, pair two-storey wood and brick dwellings, cost $10,000 ; Felix Dansereau, Ontario street, pair three-story wood and brick dwellings, cost $4,000 ; P. Germain, St. Catherine street, two-storey wood and brick dwelling, cost $1,000 ; Euclide Gauthier, Dominique street, four-storey brick and stone dwelling, cost $3,000 ; John Barry,

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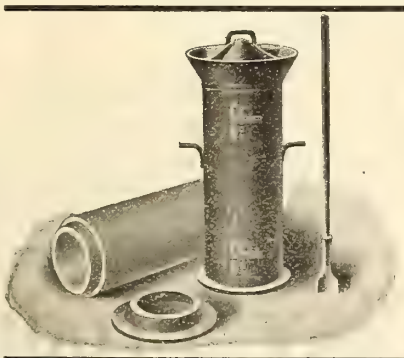

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Coleraine street, two-storey wood and brick dwelling, cost $1,600.; Geo. Bellrose, Aylwin street, improvements to house, cost $1,000; A. Paquette, St. Andre street, improvements to house and store, cost $2,000; Catholic Sailors Club, Common street, improvements to house, cost $4,000; Hogan Estate, St. Lawrence Hall, St. James street, improvements to hotel, cost $19,000; John Watson & Son, Dalhousie street, improvements to house and factory, cost $4,300; Mrs. Wid. F. X. Dupuy, St. Andre street, improvements to house, cost $2,800.

WINNIPEG, MAN. — Charles S. Bridgeman, architect, has just taken tenders on a red brick residence at Armstrong's Point for Dr. S. C. Corbett.—George Browne, architect, is this week taking tenders on a frame residence for Prof. F. Allen.—It is understood that the Winnipeg Citizens' Realty Co. will build a block on Portage ave., adjoining the Manitoba Hall.—Mr. Grundy, of the firm of Campbell, Pitblado, Grundy & Hoskin, has purchased fifty feet of land on River ave. west, near Norquay street, and will build a brick residence this spring.—The Council are considering a proposal to add another storey to the market building.—J. E. Schwitzer, Division Engineer for the C. P. R., is asking for tenders for the construction of five bridges on the Fort William section of the road, three bridges on St. Ignace section, three bridges on the Rat Portage section, one bridge on the Portal section, and eight bridges on the Lariviere section, also for the construction of new stations at Chaplain, Crystal City, McLean, Balmoral, Headingly and several other points, as well as for the construction of a number of freight sheds, pump houses and tool houses. Plans of bridges and buildings may be seen at the Division Engineer's office in this city and at the Superintendent's offices at Fort William, Brandon and Moose Jaw.—John McDonald has decided to build a four-storey hotel on Notre Dame ave., near Portage ave.—Herbert B. Rugh, architect, 927 Union Bank Building, has taken tenders on a veneer brick and rough-cast plaster residence to be built by C. D. Shepard in Crescentwood. Same architect is preparing plans for a brick and stone warehouse and office building for Tees & Persse, Ltd., Calgary, Alberta, cost $18,000; and for a brick residence for W. Carswell, Smith street, this city.—Tenders are about to be invited for the church of the Sacred Heart which the French Catholics are to erect at corner of Lydia and Bannatyne streets.—The announcement has been made that the Canadian Northern Railway contemplate building a hotel in connection with station to be begun this year.—The specifications for the supply of cement for the city have been changed so as to call for the delivery by May 10th of only two thousand to three thousand barrels.—The following works are about to be undertaken:—Asphalt pavement on Burrows ave., from Main to Salter streets, cost $26,000, and on Maryland street, from Portage to Preston avenues, cost $11,440; sewer on Kingsway place, from Wellington crescent to Harrow street, cost $3,580, and on McFarlane street, cost $2,034.—C. J. Brown, City Clerk, desires tenders by Tuesday, March 28th, for supply of six street sprinklers.—The Dominion Government are asking for tenders up to Saturday, April 1st, for erection of a military store building in this city.

TORONTO, ONT. — E. J. Lennox, architect, is asking for tenders up to 21st inst. for erection of large additions to foundry building.—J. F. Brown, architect, is taking tenders on a residence on Huntley street.—Plans of macadam roadways to be constructed at Acton, Ont., may be seen at the office of A. W. Campbell, Ontario Road Commissioner, this city. Tenders close April 1st.—The Board of Control desire tenders by Tuesday, March 21st, for dredging slips.—C. H. Bishop, Superintendent of School Buildings, has recommended that a new 18-room school costing $150,000 be erected to take the place of the present Louisa, Victoria and York street schools; a 32-room school costing $150,000 for Brant, John and Phoebe street schools, and a 20-room building costing $80,000 to replace Manning ave. and Niagara street schools, also that Sackville street school be enlarged by the addition of another storey costing $15,000.—Tenders close to-day, at the office of G. M. Miller & Co., architects, 59 Yonge street, for erection of Methodist church, corner Dufferin and Dundas street.—Tenders are wanted at 198 Duchess street for house on First ave.—F. H. Herbert, architect, will receive tenders up to 5 p.m. Friday, 17th inst., for all trades except plumbing for erection of residence on Maple ave., Rosedale.—The City Engineer has submitted an estimate of $638,000 as the cost of installing an electric plant for street lighting.—Building permits have been granted as follows: Fred J. Goodman, four two-storey roughcast dwellings, brick foundations, Salem ave., near Shanley street, cost $3,200; Joseph Simpson & Son, one-storey brick and concrete power house and reservoir, Esplanade street, near Berkeley, cost $7,500; Dominion Banking Co., alterations to building for banking purposes, southeast corner Bloor street and Dovercourt road, cost $2,000; Monteith, Nixon & Co., one-storey factory, frame, covered with galvanized corrugated iron, brick foundation, McDonell ave., near Wright, cost $1,500; A. McIntyre, one-storey brick veneer dwelling, stone foundation, Preston ave., near Northumberland street, cost $1,000; Geo. Nicholson, pair two-storey brick dwellings, Jones ave., near Gerrard street, cost $4,000; J. Winters, two-storey brick and roughcast dwelling, Brooklyn ave., near King street, cost $2,000; John Kilgour, pair two-storey roughcast dwellings, brick fronts, north side Hallam street, near Salem, cost $2,500; C. Cathcart, pair two-storey brick cased dwellings, stone foundations, west side Delaware ave., near Shanley street, cost $3,000; I. D. Bradshaw & Co., two-storey brick factory, south-east corner Atlantic and Pacific avenues, cost $10,000; John Waghorne, pair two-storey and attic brick and stone dwellings, Dundas street, near High Park ave., cost $4,000; Walter Armour, seven two-storey and attic dwellings, frame, covered with cement plaster, west side St. Clarens ave., near Bloor street, cost $11,000, Hutchins & Burns, three two-storey and attic brick and stone dwellings, east side Close ave., near King street, cost $8,000.

CONTRACTS AWARDED.

BERLIN, ONT.—$89,000 town debentures: Canadian Securities, Limited, Toronto, purchasers.

SEAFORTH, ONT.—$2,400 15-year 4½ per cent debentures: Wood & Grundy, Toronto, successful tenderers, $2,426.

COLLINGWOOD, ONT.—Wilson Bros. have secured contracts for residences for Miss Connell, Percy Robinson, and William Galbraith.

MONTREAL, QUE.—Six tenement houses on City Hall ave., near Prince Arthur street, for Martin Egan: Joseph Jacob, contractor.

TUCKERSMITH, ONT. — Two-roomed brick school: Cement and brick work, G. T. McKay and R. Cudmore; carpentry, Reynolds & Ingram.

BELLEVILLE, ONT. — Rebuilding of St. Michael's church: Architect, H. P. Smith, Kingston; contractors, Quinlan & Robertson, this city, $29,742.

WINNIPEG, MAN.—Supply of 1,500 tons of asphalt: S. B. Ritchie, representing the United States and Venezuela Paving Co., successful tenderer, $26.15 per ton.

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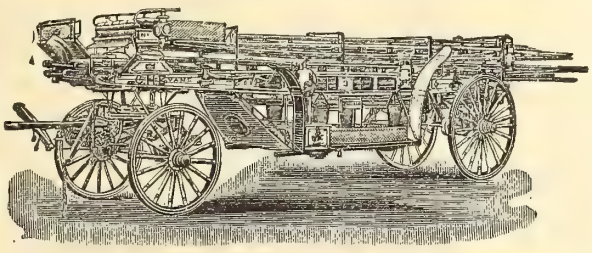

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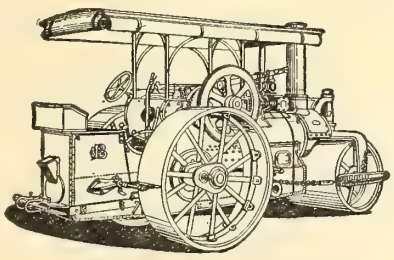

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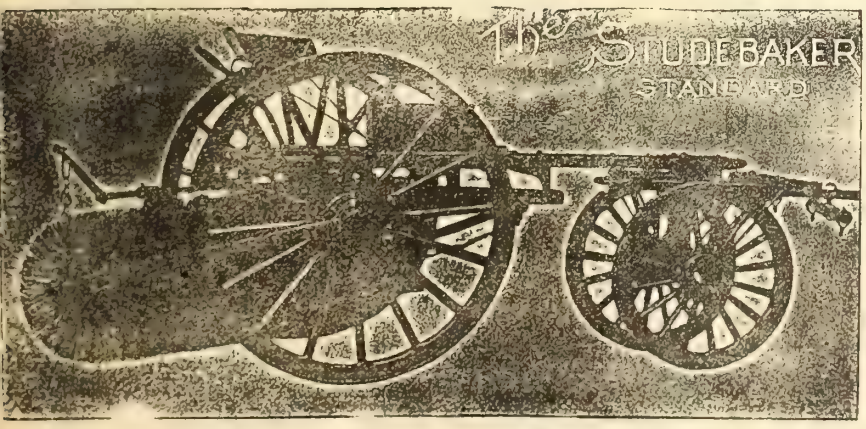

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DESERONTO, ONT.—Pressed brick presbytery for Parish of St. Vincent de Paul: George C. Clement, this town, contractor for all trades except heating and plumbing, cost about $5,000. H. P. Smith, Kingston, architect.

BARRIE, ONT.—Thomas Kennedy, architect, has let contracts as follows for livery and sales stable for Millson & Fowler: Masonry, Wesley Cline; carpenter and other trades, George A. Bateson, of Bracebridge; estimated cost $7,000.

ST. JOHN, N.B. — Residence on Douglas ave. for J. K. Scammell: Architect, F. Neil Brodie; masonry, R. A. Corbett; carpentry, A. L. Dodge. Building will be 2½ stories, 42 × 36 feet, of wood, walls clapboarded, roof and tower of steel shingles.

LONDON, ONT. — Municipal supplies: Lead pipe, Cowan Hardware Co.: pipe laying, F. Harding; brass work, London Brass Works Co.; hydrants, valves, stop-cock boxes and iron castings, Stevens Manufacturing Co.; hardware, G. McLean; miscellaneous supplies, Cowan Hardware Co.

TORONTO, ONT. — The Board of Control have accepted the following tenders for construction of art gallery on the Exhibition grounds: Structural steel, Hamilton Bridge Company, $2,570; excavation, brick work, certain concrete and drain work, Self Brothers, $14,850; sheet metal work, Douglas Brothers, $7,298; Hanna & Nelson, plastering, $2,428; painting, Faircloth & Company, $430; reinforced concrete floor and roof, Self Brothers, $4,100; felt and sand roofing, W. D. Hutson & Sons, $339; electric wiring, Keith & Fitzsimmons, $160.—The contract for 15,000 cubic yards of dredging in the harbor has been let to Frank Simpson.

NEW COMPANIES.

Blind River Light, Heat & Power Company, Limited, Blind River, Ont., incorporated, capital $40,000. Directors, David Irvine, F. R. Price, George J. McArthur, E. F. Bradley and D. S. Pindell.

John Hillock & Company, Limited, Toronto, incorporated, capital $40,000, to acquire the business of John Hillock & Co., planing mill operators and dealers in lumber, refrigerators, etc. Directors, Frank Hillock, John F. Hillock, C. W. Hillock and others.

Close Brick Company, Limited, Stratford, Ont., incorporated, capital $25,000, to manufacture brick and tile. Directors, George Close, brick manufacturer, J. L. Youngs, contractor, and others.

Keystone Engineering Company, Limited, Toronto, incorporated, capital $40,000, to manufacture and deal in building materials and to carry on the business of general contractor for construction and engineering works. Directors, A. W. Kirvan, Frank B. Johnston, and Strachan Johnston.

Wolthausen Hat Corporation, Limited, Brockville, Ont., incorporated, capital $50,000, to manufacture all kinds of hats, caps, etc. Directors, Frederick Wolthausen, L. R. Bolton, and S. C. Horton.

The Lumen Bearing Company, incorporated under the laws of the State of New York, has been granted a license to do business in Ontario. N. K. B. Patch, of Toronto, is their attorney.

Vroom Bros., Limited, St. Stephen, N.B., incorporated, capital $24,000, to manufacture furniture and upholstered goods, window shades, etc. Directors, E. G. Vroom, J. D. Chipman, F. M. Murchie, of St. Stephen, and others.

Richibucto-Rexton Telephone Company, Limited, Richibucto, N.B., incorporated, capital $20,000. Directors, William J. Brait and F. W. Tozer, of Rexton; William J. O'Leary, electrical engineer, of Montreal, and others.

Crushed Stone, Limited, Toronto, incorporated, capital $40,000, to manufacture and sell building and crushed stone, lime, etc.. Directors, W. H. Essery, George W. Essery, W. H. Adamson, and F. H. Adamson.

Canadian Northern Coal & Ore Dock Company, Limited, Toronto, incorporated, capital $500,000, to construct docks, wharves, warehouses, etc. Directors, J. S. Lovell, William Bain, Robert Gowans, and others.

Mowry Safety Nut Company, St. John, N.B., incorporated, capital $250,000. Directors, D. C. Clinch, R. W. W. Frink, C. W. Brannen, Thomas A. Linton, and H. A. McKeown.

North Bay Light, Heat & Power Company, Limited, North Bay, Ont., incorporated, capital $50,000. Directors, Thomas Wallace, J. T. Lovell, William Martin, of North Bay, and others.

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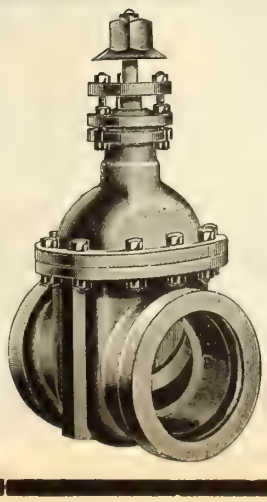

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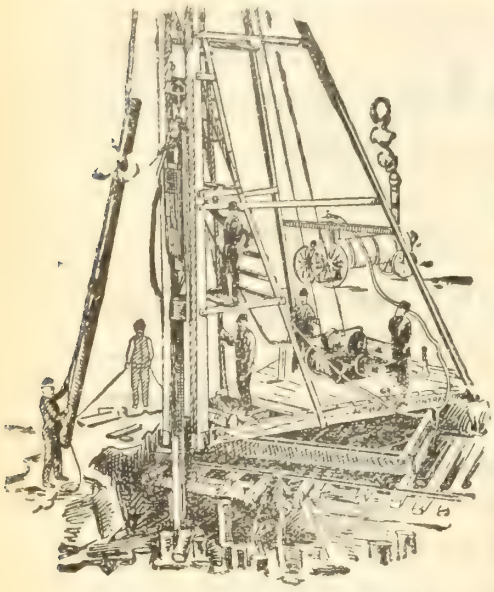

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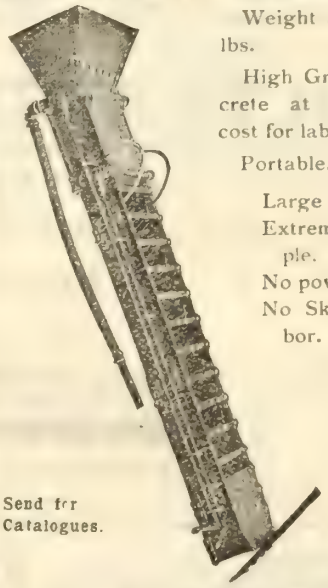

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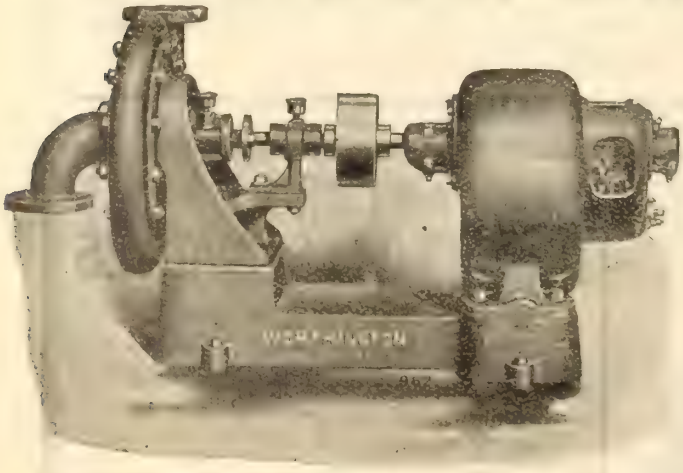

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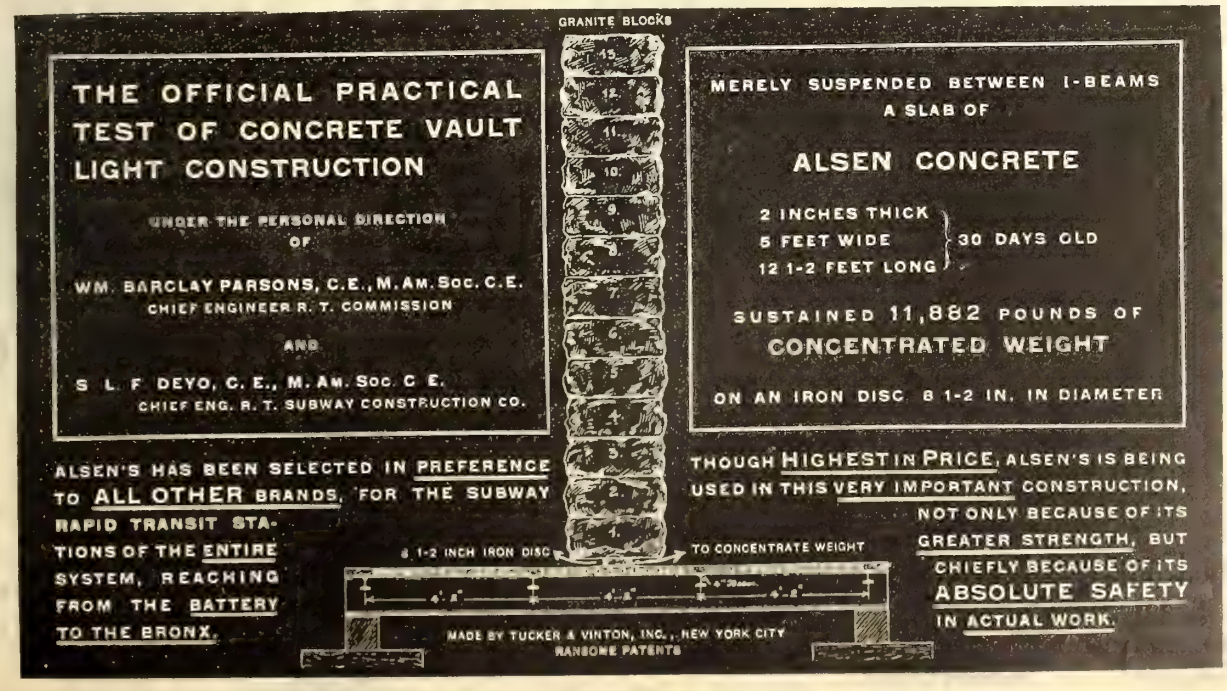

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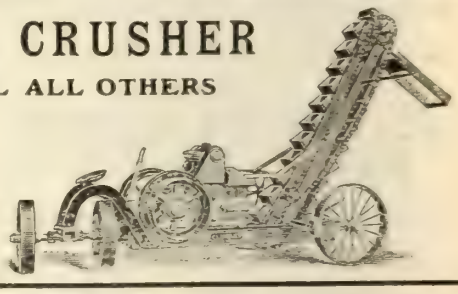

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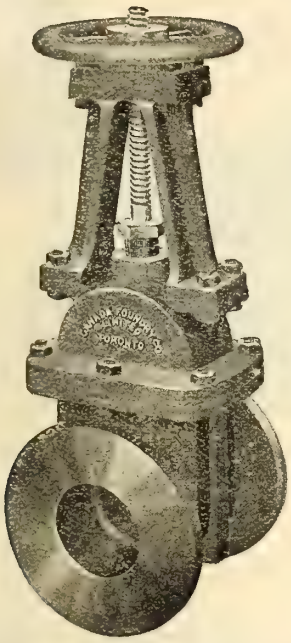

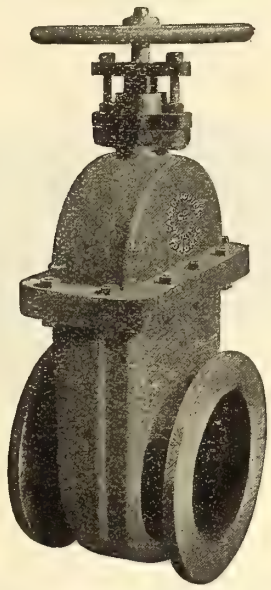

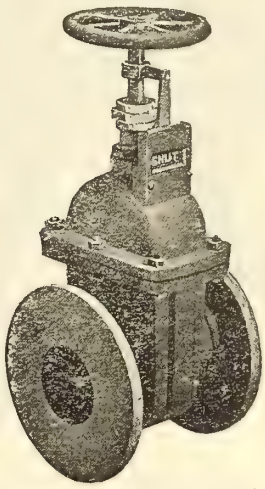

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Montreal Pipe Foundry Co., Limited

Special Castings
Flange Pipe
Branches
Hydrants
Valves

CAST IRON PIPE

Valve Boxes and general Water Works Supplies

Works at: LACHINE, QUE. / THREE RIVERS, QUE / LONDONDERRY, N. S.

Combined daily capacity: 175 Tons Pipes and Castings.

HEAD OFFICE CANADA LIFE BUILDING, MONTREAL

JAMES THOMSON, President. J. G. ALLAN, Vice-President. JAMES. A. THOMSON, Secretary. ALEX. L. GARTSHORE, Treasurer.

THE GARTSHORE-THOMSON PIPE & FOUNDRY CO.

LIMITED.

Manufacturers of

Flexible and Flange Pipe, Special Castings and all kinds of Waterworks Supplies

CAST IRON PIPE

3 inches to 60 inches diameter.

For Water, Gas, Culvert and Sewer

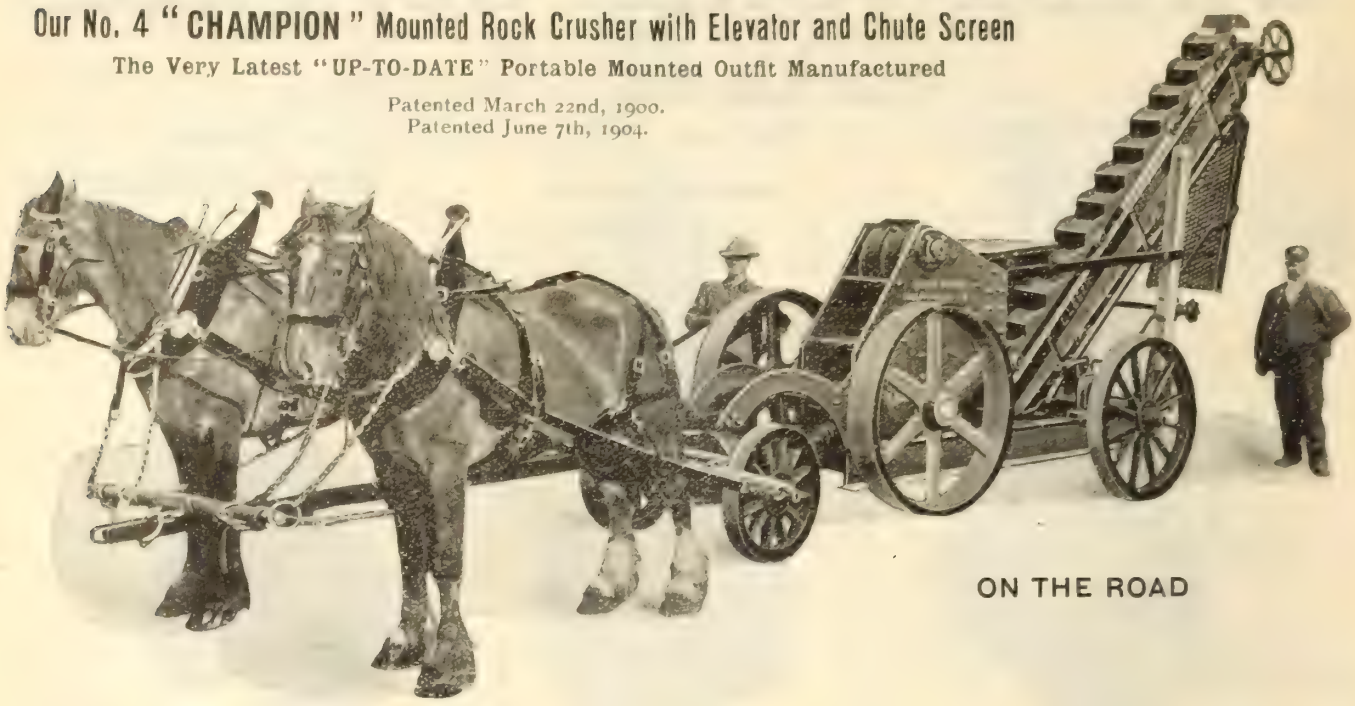
HAMILTON, ONT.

THE GOOD ROADS MACHINERY COMPANY, LIMITED, Hamilton, Canada

Our No. 4 "CHAMPION" Mounted Rock Crusher with Elevator and Chute Screen

The Very Latest "UP-TO-DATE" Portable Mounted Outfit Manufactured

Patented March 22nd, 1900.
Patented June 7th, 1904.



ON THE ROAD

The Steel "CHAMPION" Rock Crusher is the result of years of practical experience in crushing Rock from the limestone Ridges to the very hardest Syenite Rock. For crushing hard Boulders they have been proved to be superior to all competitors.

All mechanics agree that the simpler the machine the more valuable it is. In complicated machines look out for trouble and expense.

☞ *Send for latest printed matter and our 1905 Calendar to*

Good Roads Machinery Company, Limited,

JOHN CHALLEN,
President and General Manager.

Address—Late Killey Beckett Works, 144 York Street, HAMILTON, ONT.

Prices of Building Material

(Continued from page 12.)

TORONTO PRESSED BRICK AND TERRA COTTA WORKS

	F.O.B. Milton, Ont.
Red No. 1	13 00
" 2	15 50
" 3	9 00
Buff No. 1	15 00
" 2	13 00
Brown	15 00
Roman Red	30 00
" Buff	35 00
" Brown	40 00
Hard Building	8 00
" Sewer	7 50
" Backing	6 00

Moulded Ornamental from $2.00 to $5.00 per 100.
Terra Cotta String Courses and Frieze, from 50c. to $2.00 per ft. run.
Roofing Tiles, $20.00 per 1,000.

BEAMSVILLE BRICK AND TERRA COTTA CO.

	F.O.B. Beamsville.	F.O.B. Montreal.
Red Peerless Facing	$16 00	$21 50
" No. 1	14 00	19 50
" No. 2	12 00	17 50
" No. 3	10 50	15 00
Brown Peerless Facing	20 00	25 50
" No. 1	18 00	23 50
Buff Peerless	20 00	25 50
" No. 1	18 00	23 50
" No. 2	15 00	20 50
Moulded and Ornamental Brick from $3 to $10 per C:		
Roman Red (Size 12 x 4 x 1½ in.).	30 00	35 50
" Buff " "	30 00	35 50
" Brown " "	34 00	39 50
Vitrified Paving Brick No. 1	18 00	23 50
" " " No. 2	15 00	20 50
Sewer	8 00	13 50
Roofing Tile	22 00	20 00

FIRE BRICK

TORONTO POTTERY CO.	F. O. B. Toronto Car lots	Less
Boyd	20 00 M.	25 00 M.
W. W. Co.	22 50 M.	27 50 M.
Savage Crown	28 50 M.	32 00 M.
Ramsay		30 00 M.

STONE.	Toronto.	Montreal
Common Rubble per toise, delivered at building	13 50	11 00
Large flat Rubble, per toise, delivered	14 00	18 00
Foundation Blocks, per c. ft.	40	50
Granite (Stanstead) Ashlar, 6 in. to 12 in., rise 9 in., per ft.		25
Amherst Red Sandstone Amherst, N.S., per cub. ft. on cars at quarry 40c. . at quarry		40
Sackville, N B, brown or red stone f. o. b. Quarries	45	45
Nellon	30	40
Myers-Northport Red or River		

	Toronto.	Montreal.
Philip Gray Sandstones f.o.b. per cubic foot	75	65
Stanstead granite paving blocks, 8 in. 10 12 in. x6 in. x4½ in. per M		50 00
Granite curbing stone, 6x 20 in. per lineal foot		70
Buctouche Olive Freestone	85	65
Olive Sandstone (Indiantown, N. B)	80	70
Brown Sandstone (Sackville, N. B.	80	70
Moat red sandstone, per cu. ft.		60
Black Pasture buff stone per cu. ft.		50
Hagersville Crushed Stone per ton	1 25	
Nova Scotia blue grey, per cu. ft.		65
Coursers, 6 to 8 in. f. o. b. St. Mary's. per cord		7 00
Footing, 6 to 10 in. per cubic ft.		15
Dimension Stone, f. o. b. St. Mary's, per cubic foot		35
Granite (Laurentian Pink) Ashlar, 6 to 12 in., rise 9 in., per c ft.		25
Dimension Stock Granite, (Laurentian Pink) for building purposes, per c. ft., f.o.b. quarries		40
Do., for polishing purposes, up to 2 tons weight, per cubic foot		70
	F.O.B. Halifax	
Dimension stock granite for building purposes, per cu. ft.		40
Do., for polishing purposes, up to 2 tons weight, per cubic ft.		1 00
Paving sets, per thousand block		60 00

CREDIT VALLEY STONE.

	F.O.B. Quarries.
Rubble, per ton	60
Brown Coursing, up to 10 per sup. yard	1 75
Brown dimension, per cub.	70
Grey coursing, per sup. yard	1 25
Grey dimension, per cub. ft.	40

ROMAN STONE. F. O. B. Factory.

6" x 3" Sills, tooled seated and throated 35c. per lineal foot .
Window Heads and Ashlar, 40c per square foot
Window and Door Quoins tooled 40c per superficial foot
String Courses, Molded or Ornamental, 6" to 12" rise 50c to $1 50 per lineal foot
Hollow wall tooled finish 14" thick 40c. per square foot

SLATE.	Toronto.	Montreal.
Roofing (☞ *square*).		
red	20 00	20 00
purple	9 00	10 00
unfading green	10 00	11 00
black	9 00	9 00
Terra Cotta Tile, per sq	23 00	25 00
Ornamental Black Slate Roofing		77 00

PORTLAND CEMENT

(CARLOADS.)

Canadian (Packages, 350 lbs. net.):	Toronto.		Montreal	
Rathbun's Star	1 70	2 00	1 80	2 00
Trowel			1 85	1 95
Samson	1 75	1 85		
Magnet	1 55	1 65		
Monarch	1 80	1 90	1 90	2 00
Hercules	1 75	1 75		
Imperial		1 80		
Crescent 375 lbs. gross	2 30	2 40	1 95	2 05
Diamond 350 " "	2 20	2 30	1 85	1 95
"Giant" Brantford	1 75	2 00	2 00	2 50
American (in Bags):				
"Helderberg"			1 90	2 00
Alsen				2 25
Lehigh, in bbls., 375 lbs.		2 35	2 10	2 20
" cotton sacks, 350 net		2 00		2 00
" paper bags		2 10		1 85
"Iron Clad" in bags 350 lbs.			1 80	1 90
"Invicta" " " "			1 65	1 70
"Adirondack" " " "			1 50	1 65
Vulcanite (The Toronto Pottery Co., Limited Toronto) 350 lbs. per bbl.				
In paper bags		1 80		
" wooden bbls.		2 00		
" cotton bags		2 10		
English in Barrels):				
Brook's Shoobridge Anchor	2 35	2 40	2 00	2 10
Belgian (in Barrels):				
"Josson"	2 60	2 70	2 20	2 30
"North's Condor	2 05	2 10	2 25	2 30
"White Cross"	1 90	2 00	1 75	1 80
Hammer			1 80	1 90
White Star	2 15	2 25	1 90	2 00
Samson			1 80	1 90
German (in Barrels):				
Offenbacher				2 35
Alsen	2 65	2 95		2 40
Dyckerhoff	2 65	2 75		2 40
Hercules	2 25	2 35		2 15
Keene's Superfine "Whites"	10 00	12 00	8 50	9 00
Keene's Coarse "Whites"	6 50	7 00	4 50	5 00
Fire Bricks, Newcastle, per M	27 00	32 00	18 00	22 00
" Scotch "	28 00	33 00	19 00	23 00
Plaster Calcined N.B.		1 70		1 60

CORRECTED UP TO MARCH 14TH

CANADIAN

Contract Record

A Weekly Journal of Public Works, Tenders, Advance Information and Municipal Progress

This Paper Reaches Every Week the Town and City Clerks, Town and City Engineers, County Clerks and County Engineers, Purchasers of Municipal Debentures and Leading Contractors in All Lines Throughout Canada

VOL. 16. TORONTO, MONTREAL, WINNIPEG, MARCH 22, 1905 No. 6

THE CANADIAN CONTRACT RECORD
PUBLISHED EVERY WEDNESDAY

As an Intermediate Edition of the Canadian Architect and Builder.

THE C. H. MORTIMER PUBLISHING COMPANY
of Toronto, Limited.

Subscription Price, $2 per annum, payable in advance.

CONFEDERATION LIFE BUILDING, TORONTO.
Telephone Main 2362.

Branch Offices:
38 Alliance Building, Montreal,
Telephone Main 2299.
720-721 Union Bank Building, Winnipeg.
22 Great St. Helen's, London, England.

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WANTED

Two thoroughly first class architectural draughtsmen capable of taking hold of large work and carrying it through. Apply

DARLING & PEARSON, Architects,
2 Leader Lane, Toronto.

PUMPING ENGINE

Notice is hereby given that the time for receiving tenders for the erection of either a five-million or a six-million imperial gallon, triple expansion, fly-wheel pumping engine for the Waterworks Department of the City of Toronto, Canada, which was to expire at noon on March 21st, has been extended to noon on TUESDAY, THE 18TH DAY OF APRIL.

THOMAS URQUHART (Mayor),
Chairman of Board of Control.

City Hall, Toronto, March 9th, 1905.

TENDERS

For Supply of from

20,000 TO 30,000 BARRELS OF CEMENT.

Sealed tenders addressed to the Chairman of he Committee on Works, for the supply of from 20,000 to 30,000 barrels of cement, will be received at the office of the undersigned up to 30 p. m. on TUESDAY, APRIL 4th, 1905.

Specifications and forms of tender may be obtained upon application at the office of Col. H. N. Ruttan, City Engineer, Winnipeg.

Each tender must be accompanied by an accepted cheque, draft or cash deposit for the sum called for in the form of tender supplied, which will be subject to forfeiture in case of failure on the part of the contractor to enter into a written contract if called upon to do so.

The city reserves the right to reject any or all tenders, ar to accept any bid which appears a vantageous to the city of Winnipeg.

C. J. BROWN, City Clerk.

City Clerk's Office,
Winnipeg, March 3, 1905.

THE BITULITHIC PAVEMENT

We are prepared to furnish Municipal Corporations and Responsible Contractors with the necessary plant, bitumen for the three courses, expert advice and laboratory testing on a royalty basis under our patent for laying the Bitulithic Pavement. We are also prepared to instal Municipal Paving Plants.

WARREN BROTHERS COMPANY,
93 Federal St., Boston.

TO CONTRACTORS

Separate and lump tenders will be received until SATURDAY, MARCH 25TH, 1905, for the erection of new Cement and Structural Steel Boiler Shop, Extension of present Erecting Shop, and new Plate Shed, for the G.T.R. System at Stratford, Ontario.

Plans, specifications, and all information obtained at the office of

R. PATTERSON, Master Mechanic,
Stratford, Ont.

Tenders For Sewer Tile

Sealed tenders will be received by the undersigned up till the 10TH OF APRIL, for the following sewer tile, as per specifications on file in this office:

4,500 feet 6 inch tile.
3,000 " 8 " tile.
120 Single Junctions 6 inch.
100 " " 8 inch.

J. K. ROCHESTER, Town Clerk,
Renfrew, Ont.

TO CONTRACTORS

Sealed tenders, addressed to the undersigned, will be received up till noon on FRIDAY, THE 31ST INST., for building all Concrete Sidewalks, Concrete Curbs and Gutters that may be required in the City of St. Thomas during the present year. A certifid cheque of One Hundred Dollars, payable to the City Treasurer, must accompany each tender. Plans and specifications may be seen at this office.

JAMES A. BELL,
City Engineer.

RICHARD SANDERS,
Chairman of No. 2 Com.

TENDERS
FOR SUPPLY OF WATER PIPE

Sealed tenders, addressed to the Chairman of the Fire, Water & Light Committee, for the supply of approximately 1750 tons of water pipe and specials of various sizes will be received at the office of the undersigned up to 3.30 p. m. on MONDAY, APRIL 10TH, 1905.

Specifications and forms of tender may be obtained at the office of H. N. Ruttan, City Engineer, Winnipeg, Canada.

Each tender must be accompanied by an accepted cheque, draft, or cash deposit for the sum called for in the form of tender supplied, which will be subject to forfeiture in case of failure on the part of the contractor to enter into a written contract with approved sureties if called upon to do so.

The city reserves the right to reject any or all tenders, or to accept any bid which appears advantageous to the City of Winnipeg.

C. J. BROWN,
City Clerk.

City Clerk's Office, Winnipeg, Feb. 4th, 1905.

WANTED — CIVIL ENGINEER

One that is a good draughtsman and has had some practical experience in Municipal field work preferred.

A. O. GRAYDON, City Engineer,
London, Ont.

TENDERS WANTED

Sealed tenders will be received by the undersigned up to FRIDAY, MARCH 31ST, 1905, for the erection of a four-room school at the Village of Bolton. Tenders received for the whole or part. Plans and specifications may be s en at the Clerk's office, Bolton, or at the office of the architect, Jas. A. Ellis, 209 Manning Chambers, Toronto, on and after March 20th, 1905. The lowest or any tender not necessarily accepted.

JNO. MACDONALD, Clerk,
Bolton, Ont.

TENDERS WANTED

Tenders are invited by the undersigned until MARCH 28TH, 1905, for the construction of a bridge over the Welland River known as Robins Bridge, about 2 miles from Perry Station.

The superstructure to be of concrete, built on oak piling 12 ft. 3 in. in height above low water mark. The superstructure is to be of steel 100 ft. in length with a clear roadway of 16 ft. width.

Tenders will be received for substructure or superstructure separately if so desired.

Plans and specifications may be seen at the Clerk's office, Welland. The lowest or any tender not necessarily accepted.

ROBERT COOPER, County Clerk.

Clerk's Office, Welland, February 27th, 1905.

WATER WORKS IMPROVEMENT

Saint John, New Brunswick

Sealed bids or proposals will be received at the office of the Common Clerk until 3 p.m. of WEDNESDAY, APRIL 12TH, 1905, for the construction of proposed Water Works Extension, which will be let in four contracts as follows:

Section 1—10,300 feet 33" woodstave pipe line and accessory structures.

Section 2—7,400 feet 39" reinforced concrete acqueduct.

Section 3—7,500 feet 48" reinforced concrete acqueduct (part in tunnel.)

Section 4—Concrete Masonry Dam on Mispec River (with headworks and gate-house.)

All bids must be made on the blank form of proposal, which with contract and specification will be furnished intending bidders.

Each proposal on each section must be accompanied by a certified cheque for $2,000, payable to the City of Saint John. A bond of $15,000 on each of Sections 1, 2 and 3, and a bond of $10,000 on Section 4, will be required for the faithful performance of the contract.

Intending bidders can obtain copies of specifications, and plans may be seen either at the office of the Common Clerk, Saint John, or at the office of the Consulting Engineer, Snow & Barbour, Boston.

The Board reserves the right to reject any or all bids or to accept any bid should the Board deem it for the interest of the City so to do.

WALTER W. WHITE, Mayor,
Chairman Water and Sewerage Board.

[FOR ADDITIONAL ADVERTISEMENTS FOR TENDERS SEE NEXT PAGE.]

OLD DOORS WANTED

I am open to buy a few walnut doors from old buildings being torn down. Please state sizes, prices, or telephone M. 2701. JAS. ROBERTSON, 10 Front St E., Toronto.

BUILDING SUPERINTENDENT

Wanted, a first-class Superintendent to oversee the construction of a $40,000.00 Public Building. Must be well qualified and thoroughly posted in all branches. Complete plans and specifications will be furnished.

Applications will be received until 12 o'clock noon, THURSDAY, MARCH 23. Apply Box 72, CONTRACT RECORD, Toronto, Ont.

Cement Sidewalks

Sealed tenders, addressed to the undersigned, will be received up to 6 p.m. of MONDAY, 3RD APRIL, 1905, for the construction of Cement Walks in the Town of Waterloo during the season of 1905.

Specifications can be seen and form of tender obtained at the office of the undersigned. No tender necessarily accepted.

A. B. McBRIDE, Town Clerk,
Waterloo, Ont.

System of Sewers
REGINA, N. W. T.

Sealed tenders will be received by the Corporation of the City of Regina, N. W. T., up to

4 o'clock p. m. Monday, April 10th, 1905,

for constructing a system of sewers. Plans and specifications may be seen and blank tender forms obtained at the Secretary-Treasurer's office, Regina, and at the office of the Chief Engineer, JOHN GALT, C.E., Toronto.

Each tender must contain the full name of party or parties bidding and must be accompanied by a certified bank cheque for Two Thousand Dollars ($2,000,) payable to the Treasurer of the Corporation of Regina. The city reserves the right to reject any or all tenders.

J. KELSO HUNTER,
Secretary-Treasurer.

TENDERS FOR

ASPHALT BLOCK PAVEMENT
CITY OF ST. CATHARINES, ONT.

Sealed tenders, addressed to the City Clerk, will be received until 12 o'clock at noon on SATURDAY, THE 1ST DAY OF APRIL NEXT, for the construction of an ASPHALT BLOCK PAVEMENT on 5" Concrete Foundation, on Church Street, in the City of St. Catharines.

The blocks will be provided by the Corporation

Plans and specifications can be seen and forms of tender obtained at the City Engineer's office on and after Monday, the 27th inst.

A marked cheque for $500 must accompany each tender.

The lowest or any tender not necessarily accepted.

R. E. SPEAKMAN,
City Engineer.

City Engineer's Office, St. Catharines,
March 20, 1905

Tenders Wanted

Tenders will be received by the undersigned up to 5 o'clock p.m. on WEDNESDAY, 29TH INST., for the Masonry, Rough Carpentry, Steel Construction, Slate and Metal Roofing, etc., required for the superstructure of St. Patrick's Church, McCaul Street, Toronto. Satisfactory sureties will be required

The lowest or any tender not necessarily accepted.

A. W. HOLMES,
Architect,
Toronto, Ont.

TENDERS FOR

Six Street Sprinklers

Sealed tenders for the construction and delivery of six Sprinkling Waggons, addressed to the Chairman of the Committee on Works, will be received at the office of the undersigned up to 8.30 p. m., on TUESDAY, MARCH 28, 1905.

Specifications and forms of tender may be obtained at the office of Col. H. N. Ruttan, City Engineer, Winnipeg, Canada.

Each tender must be accompanied by an accepted cheque, draft or cash deposit for the sum called for in the form of tender supplied, which will be subject to forfeiture in case of failure on the part of the successful tenderer to enter into a writtten contract if called upon to do so.

The city reserves the right to reject any or all tenders or to accept any bid which appears advantageous to the City of Winnipeg.

C. J. BROWN, City Clerk.

City Clerk's Office,
Winnipeg, March 10, 1905.

CONTRACTS OPEN.

AYLMER, QUE.—R. Ritchie will build four houses on Front street.

ELORA, ONT. — The Council will likely construct cement walks this season.

PRINCE ALBERT, N.W.T.—James Sanderson purposes building a residence.

KENTON, MAN. — It is probable that a brick school will be built this summer.

MERRITTON, ONT.—The Council will likely install water meters on the service.

RENFREW, ONT. — G. A. Ellis wants tenders by 23rd inst. for erection of residence.

ARTHUR, ONT.—Edward Gainor intends building a residence, of Milton pressed brick.

SMITH'S FALLS, ONT.—The Malleable Iron Works Co. propose to enlarge their works.

ST. CLEMENTS, ONT. — Edward Dietrich intends building a fine residence this summer.

HINTONBURG, ONT. — Tenders will shortly be invited for electric lighting of the streets.

MOOSE JAW, N.W.T. — The new C.P.R. machine shop to be built here will cost about $25,000.

CLANWILLIAM, MAN.—Steps are being taken towards the erection of an English church here.

SOMERSET, MAN.—Tenders are invited by J. A. Decose up to 31 inst. for erection of brick store.

SUSSEX, N.B.—The Town Council are considering the question of having the streets lighted electrically.

RIDGEVILLE, MAN.—Tenders are wanted by G. H. Clark for building a cement block church here.

WHITBY, ONT.—A by-law was carried here last week to assist a company to establish a windmill plant.

CHATHAM, N.B. — S. Hoffman & Son are asking for tenders for erection of a brick store on Water street.

DRESDEN, ONT.—The Council will be asked to submit a by-law to raise $8,000 for erection of a new school.

TAVISTOCK, ONT.—Martin Woelfle and Henry Schlemmer each intend building a new residence this year.

MERLIN, ONT.—James Wellwood will receive tenders up to April 1st for construction of granolithic sidewalks.

BRINSTON'S CORNERS, ONT.—T. W. Ault will receive tenders up to 30th inst. for building a Methodist church.

FREDERICTON, N.B. — Donald Fraser & Sons intend building a large saw mill at the mouth of Baker Brook.

CARLETON PLACE, ONT.—Findlay Bros, stove manufacturers, propose building a three-storey addition 150×60 feet.

BARRIE, ONT.—Tenders for heating West Ward school by steam will be received by Fred Marr up to March 27th.

ELMVALE, ONT.—A by-law will be submitted to the ratepayers to raise $3,000 by debentures for building granolithic walks.

GANANOQUE, ONT.—S. Running is applying to the Council for a free site on which to build a saw mill and box factory.

NELSON, B.C.—It is probable that a by-law will again be submitted to the ratepayers to raise $40,000 for new school building.

LINWOOD, ONT.—R. J. Kerr desires bids by 30th inst. for purchase of $12,000 4 per cent. railroad bonus debentures.

QUEBEC, QUE.—The Quebec Railway, Light & Power Co. intend building this spring a large dam on the Montmorency river.

HILLSBURG, ONT. — The Disciples will build a new church this year.—William Robertson intends building a residence.

SEAFORTH, ONT. — The Town Council may join with Tuckersmith Council in the purchase of a rock crushing outfit.

OWEN SOUND, ONT.—Preparations are being made for the construction of a new C.P.R. dock immediately fronting No 2 shed.

GRANBY, QUE.—William Neil has prepared plans for a building to be built on the Granby Amatuer Athletic Association grounds.

WATERLOO, ONT. — Tenders for construction of cement walks will be received by A. B. McBride, Town Clerk, up to April 3rd.

ALMONTE, ONT. — A committee has been appointed to ask for tenders for the new Sunday school building for St. Andrew's church.

ACTON, ONT.—William E. Swackhamer, of Esquesing, has purchased a lot on Willow street in this town on which he will build a residence.

PORT COLBORNE, ONT.—Benjamin Matthews, A. Sherk and John Baer, of Ridgeway, are establishing a telephone system in this vicinity.

CAMPBELLFORD, ONT. — The town intend developing a water power at Middle Rapids. John S. Fielding, C.E., Toronto, is consulting engineer.

HALLVILLE, ONT.—Bids invited by Hugh Martin, Cleek Township of Moun-

A First Class Railway Contracting Outfit For Sale by Tender

36 HORSES, well wintered and in good condition ; Harness, Scrapers, Ploughs, Wagons, Tents, Cooking Outfit, Etc.

A complete list on application, **Tenders of Money or Real Estate** for all or part of the outfit will be received by the undersigned up to noon 10th APRIL, 1905. The highest or any other tender not necessarily accepted.

JOHN B. ALLAN,

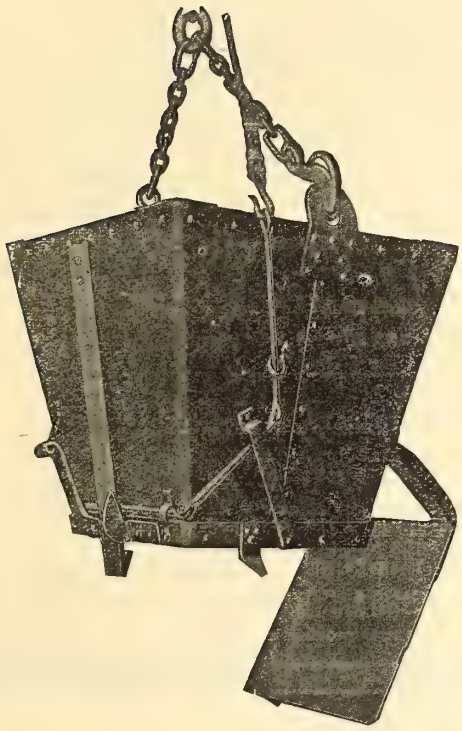
Phone 2160. P. O. Box 264. 341 Main Street, Winnipeg, Man.

Concrete Equipment

THE

CYCLOPEAN CONCRETE BUCKET

Is funnel shaped and deposits load without jarring the concrete already laid, also without injury to the forms



THE

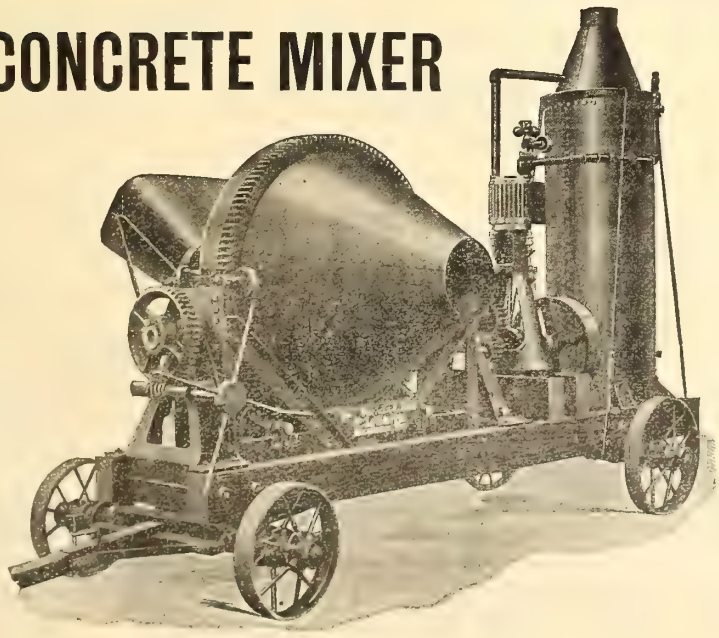
CYCLOPEAN CONCRETE BUCKET

Is furnished in all sizes with hand or rope tripping device and fitted with chain or iron bail as desired.

THE SMITH CONCRETE MIXER

Is in use on practically every important concrete contract in Canada.

It has gained this popularity because it mixes thoroughly and quickly, and is simple, strong and durable.



THE BEST MADE MIXES THE BEST

We supply complete Rock Crushing and Concrete Mixing Plants.

Send for plans, specifications and catalogues.

W. H. C. MUSSEN & CO.

MONTREAL

tain, up to March 25th for purchase of 15 debentures of $868.79 each.

CALGARY, N.W.T.—James Doyle proposes to erect a modern hotel.—Griffin & Co. have had plans prepared for a new building to be built here.

NIAGARA FALLS SOUTH, ONT—The Niagara Construction Co. will receive tenders for about ten miles wire fencing, including steel gates and cedar posts.

FORT FRANCES, ONT.—F. H. Warner, Town Clerk, will receive bids up to Saturday, April 15th, for purchase of $80,000 20-year 5 per cent debentures.

GRIMSBY, ONT.—A by-law was carried here last week granting a loan of $15,000 to the Walker Steel Range Co., of Windsor, Ont., to establish a factory here.

SARNIA, ONT. — The question of waterworks enlargement or removal to Point Edward is still before the citizens, but some action will likely be taken this spring.

TORONTO JUNCTION, ONT.—A company is being formed here to manufacture bricks from sand and lime. W. C. Irwin, W. A. Sheens and others are interested.

KILDONAN, N.W.T. — This municipality is willing to contribute $8,000 towards the erection of a traffic bridge over the Red river, estimated to cost $75,000.

MORRISBURG, ONT. — The by-law to provide for the development of 1,100 horse power from the Rapide Plat canal will be submitted to the ratepayers March 31st.

PETERBORO, ONT.—W. J. Fuller, assistant engineer of the Public Works Department, Ottawa, was here last week to report upon the necessity for the construction of a large wharf.

GALT, ONT.—The School Board have decided to remodel the Central school, at a cost of $11,000, which will include the installation of a new heating and ventilating system.

NEW LISKEARD, ONT.—Mr. Blair, surveyor, has been instructed by the Town Council to report upon the best available water power in the district for electric lighting purposes.

GLACE BAY, N.S.—Engineer Morrison has recommended that a steam pump be placed in the new electric light station and the pipe lines extended to Sand Lake; estimated cost, $60,000.

LEAMINGTON, ONT.—Tenders for erection of a Methodist church here will be received by L. J. Wright up to 30th inst; brick, stone foundation, plans by J. L. Wilson & Son, architects, Chatham.

SYDNEY, N.S.—The steel dry dock at North Sydney is now said to be assured and the necessary capital of $250,000 subscribed. Captain J. A. Farquhar, of Halifax, is the chief promoter.

EAST TORONTO, ONT.—The Spruce street site will likely be selected for the new public school.—George J. Woods will build a brick store and residence on corner of Logan and Danforth avenues, cost $3,500.

LADNER, B.C.—Arrangements are being made for the introduction of the electric light here. The power will likely be transmitted from Steveston, where the British Columbia Electric Railway Co. have a power house.

PORTAGE LA PRAIRIE, MAN.—A proposal is on foot to erect an addition to the provincial reformatory and jail here, at a cost of $25,000.—The directors of the hospital are considering the erection of an addition to the building.

STRATHCONA, N. W. T.—A. C. Rutherford will receive applications up to Monday, April 3rd, for the position of town engineer, who will be required to prepare plans for the installation of waterworks and sewerage systems.

TRURO, N.S.—The Stanfield Knitting Mill Co. intend largely increasing their plant.—The ratepayers have decided to spend $2,000 for waterworks extension, but have voted down a proposition to raise $5,000 for road machinery.

CHILLIWACK, B.C.—The Sumas Development Co. has applied to the Legislature for permission to drain Sumas Lake, near this place. It is proposed to build about 4 miles of dyke and to divert the waters by way of the Lukaluk river.

ORILLIA, ONT. — The Hospital Committee will make a canvas for funds for the proposed hospital, which is estimated to cost $15,000.—J. H. Wilson intends building a brick block, two stories, 50 feet frontage, divided into three stores.

BRANTFORD, ONT.—Grace church congregation have appointed a committee, including C. H. Waterous and A. E. Watts, to secure plans and call for tenders for a new rectory.—G. W. Hall, architect, has been commissioned to prepare plans for a $15,000 hotel to be built in Dunnville.

ROSSLAND, B.C.—The West Kootenay Power & Light Co. have commenced an elaborate scheme of development of the Upper Falls of the Kootenay river at

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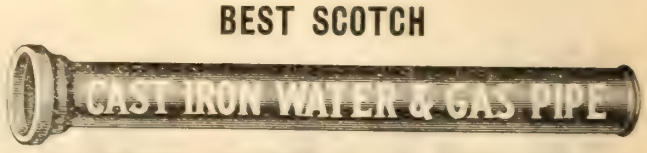

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Bonnington, by which it is intended to harness the water power in a large way. A temporary dam is now under construction. L. A. Campbell is manager of this company.

KINGSTON, ONT.—The Dominion Government are asking for tenders up to Wednesday, 29th inst., for erection of a brick stable at the Royal Military College. Plans at office of Arthur Ellism, architect.—Power & Son, architects, are asking for tenders up to Friday, 24th inst. for erection of a residence on Earl street for Dr. W. G. Anglin.

LONDON, ONT.—H. C. McBride, architect, has taken tenders for new Traders Bank at Ingersoll, a church at Poplar Hill, and two brick residences in this city.—W. G. Murray, architect, has taken tenders on a three-storey brick residence for L. Carpenter, Evergreen ave. and for alterations and additions to Duke of York Hotel, Dundas street, for Mr. McLean.

ST. JOHN, N.B.—F. A. Barbour, C. E., of Boston, has completed plans for the proposed waterworks extension and the Council will call for tenders for the work at an early date.—The owners of the New Brunswich Southern Railway are about to engage an engineer to make surveys and reporrs on necessary improvements and extension, which are estimated to cost about $300,000.

STRATFORD, ONT.—W. J. Ireland, architect, has prepared plans for a brick veneer residence for C. N. Greenwood, to be built on Ontario street, also for a two storey eight-roomed brick house for M. Schellenberger, William street.—T. J. Hepburn, architect, has prepared plans and taken tenders on a brick residence to be built on Hibernia street for Jacob Pauli.—The Close Brick Co. have purchased 70 acres of land on Romeo street and will immediately erect buildings and install the necessary plant.

REGINA, N. W. T.—J. K. Hunter. Secretary-Treasurer, will receive tenders up to April 10th for constructing system of sewers. Plans by John Galt, C. E., Toronto.—The by-law to raise $60,000 for erection of new schools has been passed.—The ratepayers have approved of the proposal to raise $56,000 for a new school, and steps towards construction will be taken immediately. It will be designed after the Alexandria school in

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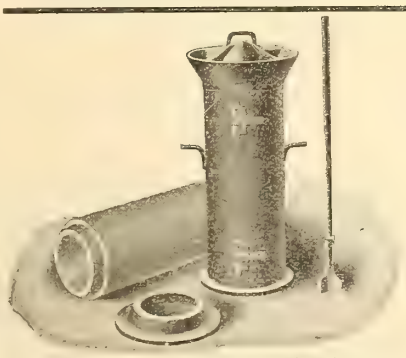
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Winnipeg. Debentures will be issued to raise the funds.

VANCOUVER, B.C.—Plans are being prepared by Parr & Fee, architects, for a residence for Mayor Buscombe to cost $12,000, also for a large pavilion on Beach ave. at English Bay.—W. T. Whiteway, architect, is taking tenders for a three storey block on Granville street for Philip White.—The new post office and custom house, corner Granville and Hastings streets, will be started this spring, an appropriation for the work having already been made.—The Fire and Police Committee have recommended the purchase of three fire engines.—Arthur W. Vowell has purchased a lot on north side of Hastings street east and intends building thereon.

OTTAWA, ONT.—F. Gelinas, Secretary Department Public Works, will receive tenders up to Monday, April 3rd, for construction of an additional storey to the Printing Bureau.—James Davidson, Chairman Board of Works, will receive tenders up to Wednesday, 29th inst., for supply of Portland cement, tile pipe, brick, sand, hardware, lumber, etc., and Ald. J. C. Grant, Chairman Waterworks Committee, desires tenders by 28th inst. for supply of hydrants, valves, cast iron pipe, lead pipe, pig lead and castings.—The Directorate of the Central Canada Exhibition Association have asked the City Council to provide funds for the purchase of land and erection of additional buildings at Lansdowne Park.—The City Engineer estimates the cost of the proposed Bank street subway at $51,000.—The Dominion Government announce that the Crown agents for the Colonies, London, England, are prepared, on behalf of the Government of Bermuda, to receive tenders for the deepening, widening and buoying of the channel leading from the sea into St. George's Harbor, in the Island of Bermuda. Plans at the Department of Public Works, this city. Tenders close April 10th.

HAMILTON, ONT.—H. G. Clohecy, architect, has been instructed to prepare plans for the new Roman Catholic church to be built at corner of Barton street and Sherman Ave.—The congregation of Gospel Tabernacle have decided to erect a church building that will seat 1,500 people, of brick, with gallery and audltorium in amphitheater shape, cost about $25,000. Particulars from Rev. A. W. Philipott.—A committe of the City Council will ask the Ontario Government for a grant towards the proposed west end sewage disposal works. — The congregation of St. Philip's church have purchased a site on Earle street on which to erect a new church.—The congregation of St. Andrew's church are also considering the erection of a new edifice.—Stewart & Witton, architects, have been instructed to prepare plans for a three-storey building to be built at 118 and 120 North James street for M. & A. Epstein.—John Milne, Chairman Finance Committee, Hamilton Public Library, wants tenders by 25th inst. for book counters and alterations.

TORONTO, ONT.—Plans of system of sewers to be constructed at Regina, N.W.T., may be seen at the office of John Galt, C. E., this city. Tenders close April 10th.—Tenders are wanted at 81 Foxley street for all trades except brick work on four houses.—The Toronto & Hamilton Railway Co. are asking for tenders up to May 1st for the grading, culverts, masonry, bridges and other work required for construction of railway between Toronto and Niagara Falls. Plans at the company's office, corner Scott and Front streets.—The Home Loan & Savings Co. will erect a building on north side of King street, near Yonge, for which Beaumont Jarvis, architect, has prepared the plans.—Construction work will shortly be commenced on the new building to be built by Osler & Hammond on corner of King and Jordan streets.—It is expected that building operations will be under way in the course of a few weeks on the new bank and office building to be built on the corner of Yonge and Colborne streets by the Traders' Bank of Canada.—Plans of four-roomed school to be built at Bolton, Ont., may be seen at the office of J. A. Ellis, architect, Manning Chambers, this city. Tenders close 31st inst.—The time for receiving tenders for the waterworks pumping engine for the city has been extended to noon on Tuesday, April 18th.—It is rumored that a new office building is to be erected on the south-east corner of Yonge and King streets, the main purpose of which will be to provide accommodation for the Canadian Pacific and Grand Trunk Railways, the Richelieu and Ontario Navigation Co. and other railway and shipping companies.—Tenders are wanted by 24th inst. at 102 Fern ave. for erection of 2½ storey brick dwelling.—The Toronto Ferry Co. propose to erect a new office building on the new wharf at foot of Bay street.—The City Engineer has recommended the following works: Tar macadam roadways on Yarmouth road, from Christie street to Miles place, cost $3,600; Hamburg ave., from Bloor to Van Horne street, cost $15,969; Bloor street to north end of Brock ave., cost $4,803; Roxborough street, from Yonge east, cost $11,125; brick pavement on Preston ave., from Bloor to Northumberland, cost $2,352; asphalt pavement for McMaster ave., from Avenue road to Rathnally ave., cost $3,742; Oxford street, from Spadina to Augusta, cost $4,588; sewer for Melville ave., cost $1,070.—Plans for deepening, widening and buoying of St. George's channel, in the Island of Bermuda, may be seen at the office of H. A. Gray, C. E., this city. Tenders close April 10th.

MONTREAL, QUE.—The Bell Telephone Co. have purchased a site on west side of Mountain street, near St. Catherine street, on which to erect a new exchange building.—The directors of the Windsor Hotel have decided upon the erection of a new hotel on the site of the Windsor Hall. The building will be 60x235 feet, eight stories, thoroughly fireproof, cement floors and ceilings, cost about $1,500,000. The Windsor Hall is to be replaced by a new hall to be built by a number of capitalists under the direction of J. W. Shaw, the site for which has not yet been definitely selected.—The City Council and Harbor Commissioners have jointly decided to have plans and estimates prepared for a bridge from Commissioners street to the ferry landing on Victoria pier.—In addition to an agricultural college at St. Ann de Bellevue, Sir William Macdonald proposes to establish a Normal school for the training of teachers. Two buildings will be erected.—It is announced that the Park and Island section of the Montreal Street Railway will be extended to Ste Anne's and around the Island to Cartierville and River des Priaries, thence to St. Vincent de Paul.—The Department of Railways and Canals, Ottawa, are asking for tenders up to Friday, 24th inst., for installation of machinery for the operation of lock gates on the Lachine canal. Plans at office of the Superintending Engineer, 2 Place d'Armes, this city.—The Canadian Rubber Co. intend to reconstruct their entire plant and erect a number of new buildings at Papineau square.—Lymburner & Matthews have acquired the property at 3 to 15 Commissioner street and are about to erect a five-storey factory, to cost $30,000.—V. F. Thomas, of Fall River, Mass., has purchased the property at north-west corner of St. Catherine street and McGill College ave. and will put in a new front and make interior alterations.—Mendoza Langlois has purchased No. 62 St James street and will make extensive improvements, including plate glass windows, mosaic floors, marble wainscotting, etc. — The following building permits have been granted: N. Poirier, Chatham street, pair three storey wood and brick dwellings, cost $8,000; H. Vineberg & Co., St. James street, four-storey brick and stone dwelling and factory, cost $55,000; Protestant School Commissioners, Dufferin street, three-storey brick and stone dwelling and school, cost $25,000; Isidore Lefebvre, St. Hubert street, two-storey wood and brick dwelling, cost $1,800; D. Hatton, Bonsecour street, four-storey brick and wood dwelling and factory, cost $15,000; Lacroix & Leger, Mount Royal, two-storey brick and stone dwelling, cost $1,400; C. H. Winch, St. Catherine street, improvements to dwelling and store, cost $2,000.

WINNIPEG, MAN.—It is understood that the Bank of Toronto have purchased 56 feet on Main street on which to erect a bank building.—The Marshall-Wells Co., wholesale hardware, will erect an eight-storey warehouse this summer.—Darling, Pearson & Over, architects, are taking tenders up to 24th inst. on a building on Emily street for the Manitoba Medical College.—It is understood that the third set of plans for the new Canadian Northern Railway station and hotel in this city are to be submitted to the company's officials in the east this week. There is some talk of a suburban station in Fort Rouge.—Plans have been completed for the proposed Labor Hall to be built in this city, which is estimated to cost upwards of $200,000.—Plans have been prepared for an annex to St. Boniface College, to cost about $50,000, four stories, containing reception hall, dormitories and class rooms. A fine chapel will be built later.—J. H. G. Russell, architect, has just taken tenders on erection of a brick veneered residence on Carleton street for James L. Bathgate.—H.S. Griffith, architect, desires tenders by 24th inst. for erection of brick building and addition on Notre Dame ave.—Herbert R. Rugh, architect, desires tenders by 24th inst. for erection of brick veneered and plaster residence in Crescentwood for C. D. Shepard.—Tenders are invited by A. & W. Melville up to 25th inst. for erection of four-storey brick and stone apartment block and for a frame residence on stone foundation on Balmoral street for F. Ashford.—Robinson & Co., Limited, purpose building a large addition to their departmental stores on Albert street, just north of Notre Dame.—The Presbyterians in the suburb of Riverview purpose building a church, estimated to cost $3,000.—The Fire, Water & Light Committee have recommended to the City Council the installation of a high pressure waterworks system. — Chief Buchanan, of the Fire Department, has recommended the installation of chemical

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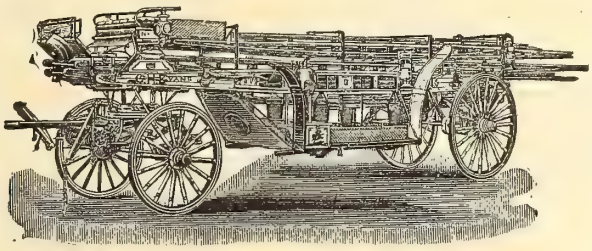

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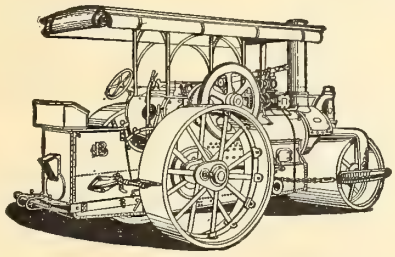

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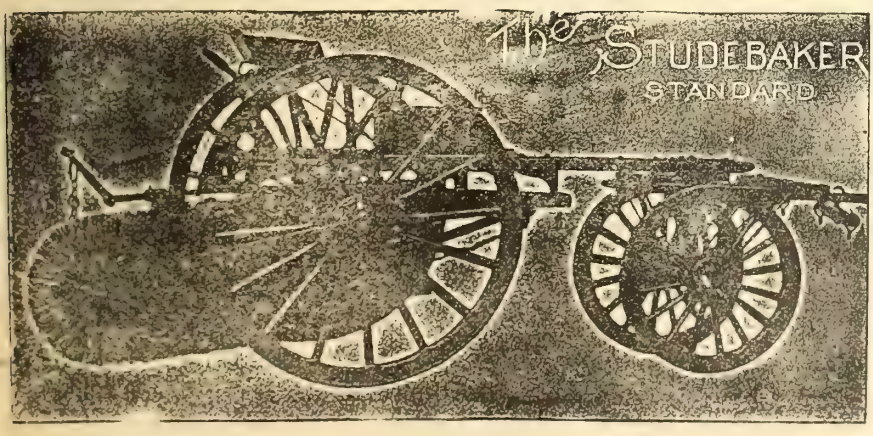

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fire engines for the protection of the cutlying districts.—The tenders for supply of 2,000 barrels of cement, to be delivered by May 10th, are to be received by Tuesday next, 28th inst. — It is officially announced that the Foley-Locke Co., of St. Paul, have not been given the contract for the double-tracking of the C. P. R. between Winnipeg and Fort William. — The Central Congregational church congregation are about to engage an architect to prepare plans for enlarging the church.—Tenders for supply of hardware, oils and lead will be received by C. J. Brown, City Clerk, up to Tuesday, 28th inst.—It is understood that Mrs. Hample has had plans prepared for an office and store building to be built on Portage ave. immediately west of the Avenue block.—Oldfield & Gardner, acting for a syndicate, are about to build on Portage ave., and E. Hunter, who owns the southwest corner of Portage ave. and Langside, contemplates the erection of a block of stores with apartments above.—The building now occupied by Badali Bros.' fruit store, corner Portage ave. and Smith street, is to be replaced by a four-storey brick structure, ground floor of stores, offices above.—It is reported that Ed. Cass has purchased the corner of Portage ave. and Maryland street with the intention of building this spring.

FIRES.

Baptist parsonage at Wheatley, Ont., occupied by Rev. Mr. Davis.—Saw mill near Winchester, Ont., operated by Thomas Crawford. — Richelieu Hotel, Sussex street, Ottawa, damaged to extent of $5,000. Building owned by the Hon. R. R. Dobell Estate.—A number of buildings at Ponoka, N.W.T., were destroyed by fire last week, including the following : Fairley & Co., general store ; Canadian Bank of Commerce ; W. C. Shackman, hardware ; McGillarvray Co., furniture, and Breck's livery stable.

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LONDON, ONT.—Addition to post office : William Tytler, successful tenderer, $27,290.

BRANDON, MAN.—Supply of sewer pipe : Laclede Fire Brick Manufacturing Co., successful tenderers.

MORDEN, MAN. — $3,000 town debentures : G. A. Stimson & Co., Toronto, purchaser, $3,005 and accrued interest.

HULL, QUE.—Equipment of electric light plant for the city : Canadian General Electric Co., Toronto, successful tenderers.

ACTON, ONT. — Residence on Church street for Councillor Lackey : Mr. McKenzie, contractor. Milton pressed brick will be used.

TILBURY, ONT. — $13,415.79 15-year 5 per cent. debentures : W. C. Brent & Co., Toronto, purchasers, $13,878 and accrued interest.

PORTAGE LA PRAIRIE, MAN.—$200,000 waterworks debentures, 40-year 5 per cent. : Canadian Bank of Commerce, purchasers, at 105.

MONTREAL, QUE. — Erection of new Alexandria Hospital : Edward & W. S. Maxwell, architects ; John Quinlan, contractor ; estimated cost, $240,000.

DUNDALK, ONT. — Erection of Town Hall : Stone work, James Scilly ; brick work, Wright & McDonald ; carpentry, Wood & Son ; painting and glazing, W. E. Perkins ; plastering, Samuel Bellamy.

BERLIN, ONT.—The Berlin Interior Hardwood Co. have secured the contract from the Dominion Government for fittings for the Guelph post office and custom house.—Five houses on Richmond street for Heiman & Schwartz : Carpenter work, Adam Dengis.

TORONTO, ONT. — The Canadian Northern Railway are building five steel bridges over the Saskatchewan river, at a cost of $1,500,000. The Canada Foundry Co., this city, have secured the contract for two of the bridges, 2,540 feet and 2,437 feet in length respectively, and the Canadian Bridge Co., of Walkerville, for the remaining three.

VANCOUVER, B.C. — McLennon-McFeely warehouse, Water street : E. E. Blackmore and W. T. Whiteway, architects ; J. McLuckie, contractor ; cost $30,000. — Warehouse for Pilkington Bros.: Dalton & Eveleigh, architects ; E. Cooke, contractor ; cost $10,000.—Alterations and additions to Lewis block, Hastings street : Dalton & Eveleigh, architects ; Crowe & Wilson, contractors, cost $8,000.

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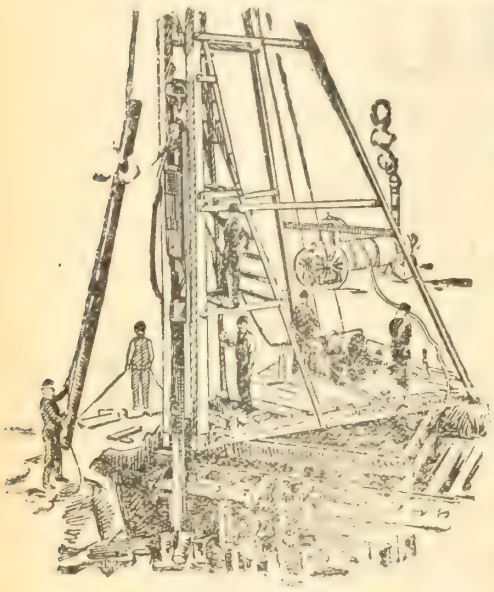

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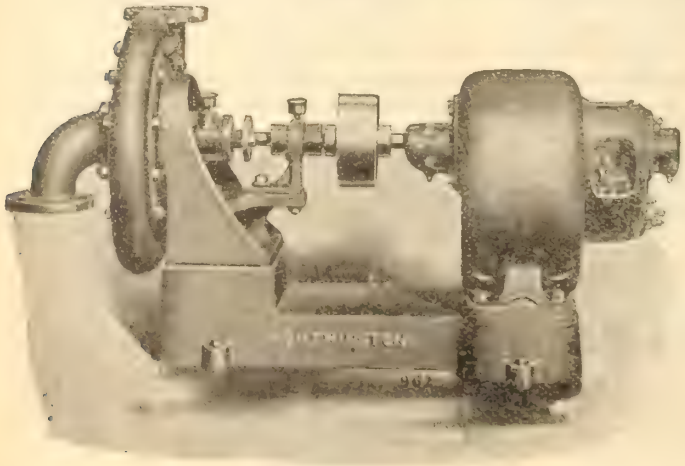

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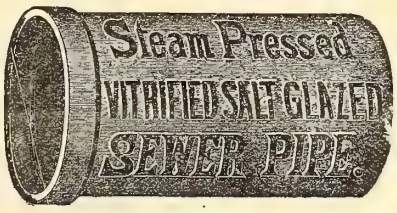

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	Per M. Ft.	
1 inch No. 1 Pine cuts and better	$48.00 to	$50.00
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1 inch Pine Dressing and better shorts	25.00	27.00
1 x 4, 6 and 8 Common	18.00	19.00
1 x 10 and 12 Common	19.00	21.00
1 inch mill run sidings	21.00	22.00
1 inch mill run	20.00	21.00
2 x 10 and 12 mill culls	15.00	16.00
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Hemlock, 1 x 4 to 8 inch	14.50	15.50
2 x 4 to 10 inch, 12 to 16 feet	15.00	16.00
2 x 4 to 10 inch, 18 feet	16.00	17.00
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1½ inch No. 2 4 ft. Lath	2.80	2.90
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XXXXX 5 to 2 inch		3.15

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Ash, white, 1sts and 2nds, 1 to 2 inch	$33.00 to	$35.00
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Birch, M. R. 1 inch	22.00	24.00
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Basswood, Common and better, 1 to 1¼ inch	24.00	25.00
Basswood, 1½ to 2 inch	25.00	26.00
Elm, soft, mill run, 1 to 1½ in	24.00	25.00
Elm, rock, mill run, 1 to 1¼ in	24.00	26.00
Maple, common and better, 1 to 1½ inch	21.00	22.00
Oak, red plain, 1sts and 2nds, 2 to 4 inch	44.00	46.00
Oak, white, 1sts and 2nds, 1 to 1½ inch	42 00	44 00
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	F.O.B. Milton, Ont.	F.O.B Montreal
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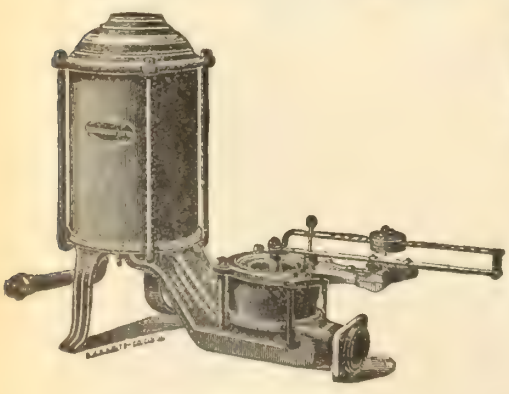
" 3		14 00
Buff No. 1		20 00
" 2		18 50
Brown		25 50
Roman Red		30 50
" Buff		33 50
" Brown		40 50
Hard Building		12 00
" Sewers		12 00
" Backing		11 50

Please write to head office, Milton, Ont., for catalogue and prices.

(Continued on page 14.)

Hydraulic Engines



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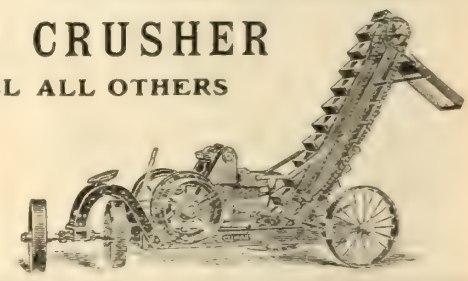

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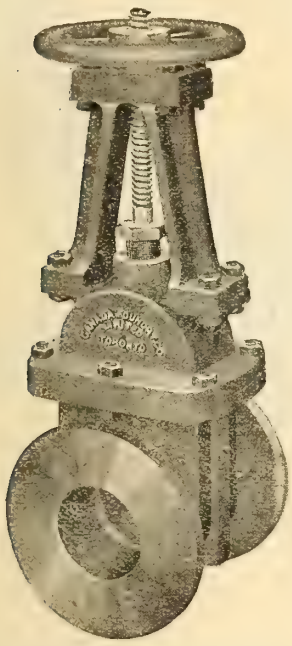

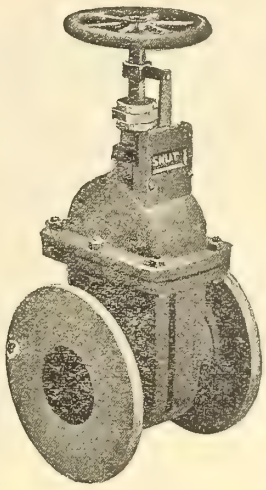

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Prices of Building Material

(Continued from page 12.)

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	F.O.B. Milton, Ont.
Red No. 1	13 00
" 2	15 50
" 3	9 00
Buff No. 1	15 00
" 2	13 00
Brown	25 00
Roman Red	30 00
" Buff	35 00
" Brown	40 00
Hard Building	8 00
" Sewer	7 50
" Backing	6 00

Moulded and Ornamental from $2.00 to $5.00 per 100.
Terra Cotta String Courses and Frieze, from 50c. to $2.00 per ft. run.
Roofing Tiles, $20.00 per 1,000.

BEAMSVILLE BRICK AND TERRA COTTA CO.

	F.O.B. Beamsville.	F.O.B. Montreal.
Red Peerless Facing	$16 00	$21 50
" No. 1	14 00	19 50
" No. 2	12 00	17 50
" No. 3	10 50	15 00
Brown Peerless Facing	20 00	25 50
" No. 1	18 00	23 50
Buff Peerless	20 00	25 50
" No. 1	18 00	23 50
" No. 2	15 00	20 50
Moulded and Ornamental Brick from $3 to $10 per C:		
Roman Red (Size 12 x 4 x 1½ in.)	30 00	35 50
" Buff " "	30 00	35 50
" Brown " "	34 00	39 50
Vitrified Paving Brick No. 1	18 00	23 50
" " " No. 2	15 00	20 50
Sewer	8 00	13 50
Roofing Tile	22 00	20 00

FIRE BRICK

TORONTO POTTERY CO.

	F. O. B. Toronto Car lots	Less
Boyd	20 00 M.	25 00 M.
W. W. Co.	22 50 M.	27 50 M.
Savage Crown	28 50 M.	32 00 M.
Ramsay		30 00 M.

STONE.

	Toronto.	Montreal
Common Rubble per toise, delivered at building	13 50	11 00
Large flat Rubble, per toise, delivered	14 00	18 00
Foundation Blocks, per c. ft.	40	50
Granite (Stanstead) Ashlar, 6 in. to 12 in., rise 9 in., per ft.		25
Amherst Red Sandstone Amherst, N.S., per cub. ft. on cars at quarry 40c. . at quarry		40
Saurville, N.B., brown or red stone f. o. b. Quarries	45	45
sullon	30	40
Myers-Northport Red or River		

	Toronto.	Montreal.
Philip Gray Sandstones f.o.b. per cubic foot	75	65
Stanstead granite paving blocks, 8 in. to 12 in. x6 in. x4½ in. per M		50 00
Granite curbing stone, 6x 20 in. per lineal foot		70
Buctouche Olive Freestone	85	65
Olive Sandstone (Indiantown, N. B)	80	70
Brown Sandstone (Sackville, N. B.	80	70
Moat red sandstone, per cu. ft.		60
Black Pasture buff stone per cu. ft.		50
Hagersville Crushed Stone per ton	1 25	
Nova Scotia blue grey, per cu. ft.		65
Coursers, 6 to 8 in. f. o. b. St. Mary's, per cord		7 00
Footing, 6 to 10 in. per cubic ft.		15
Dimension Stone, f. o. b. St. Mary's, per cubic foot		35
Granite (Laurentian Pink) Ashlar, 6 to 12 in., rise 9 in., per c ft.		25
Dimension Stock Granite, (Laurentian Pink) for building purposes, per c. ft., f.o.b. quarries		40
Do., for polishing purposes, up to 2 tons weight, per cubic foot		70
	F.O.B. Halifax	
Dimension stock granite for building purposes, per cu. ft.		40
Do., for polishing purposes, up to 2 tons weight, per cubic ft.		1 00
Paving sets, per thousand block		60 00

CREDIT VALLEY STONE.

	F.O.B. Quarries.
Rubble, per ton	60
Brown Coursing, up to 10 per sup. yard	1 75
Brown dimension, per cub.	70
Grey coursing, per sup. yard	1 25
Grey dimension, per cub. ft.	40

ROMAN STONE. F. O. B. Factory.

6" x 3" Sills, tooled seated and throated 35c. per lineal foot .
Window Heads and Ashlar, 40c per square foot
Window and Door Quoins tooled 40c. per superficial foot
String Courses, Molded or Ornamental, 6" to 12" rise 50c to $1 50 per lineal foot.
Hollow wall tooled finish 14" thick 40c. per square foot.

SLATE.

	Toronto.	Montreal.
Roofing (☞ *square*).		
red	20 00	20 00
purple	9 00	10 00
unfading green	10 00	11 00
black	9 00	9 00
Terra Cotta Tile, per sq	23 00	25 00
Ornamental Black Slate Roofing		77 00

LIME.

	Toronto.
White Lime, per ton, Delivered	$8 00
Grey " " "	7 00

PORTLAND CEMENT

(CARLOADS.)

Canadian (Packages, 350 lbs. net.):	Toronto.		Montreal	
Rathbun's Star	1 70	2 00	1 80	2 00
Trowel			1 85	1 95
Samson	1 75	1 85		
Magnet	1 55	1 65		
Monarch	1 80	1 90	1 90	2 00
Hercules	1 75	1 75		
Imperial		1 80		
Crescent 375 lbs. gross	2 30	2 40	1 95	2 05
Diamond 350 " "	2 20	2 30	1 85	1 95
"Giant" Brantford	1 75	2 00	2 00	2 50
American (in Bags):				
"Helderberg"			1 90	2 00
Alsen				2 25
Lehigh, in bbls., 375 lbs.		2 35	2 10	2 20
" cotton sacks, 350 net		2 00		2 00
" paper bags		2 10		1 85
"Iron Clad" in bags 350 lbs.			1 80	1 90
"Invicta" " " "			1 65	1 70
"Adirondack" " " "			1 50	1 65
Vulcanite (The Toronto Pottery Co., Limited. Toronto) 350 lbs. per bbl.				
In paper bags		1 80		
" wooden bbls.		2 00		
" cotton bags		2 10		
English in Barrels):				
Brook's Shoobridge Anchor	2 35	2 40	2 00	2 10
Belgian (in Barrels):				
"Josson"	2 60	2 70	2 20	2 30
"North's Condor	2 05	2 10	2 25	2 30
"White Cross"	1 90	2 00	1 75	1 80
Hammer			1 80	1 90
White Star	2 15	2 25	1 90	2 00
Samson			1 80	1 90
German (in Barrels):				
Offenbacher				2 35
Alsen	2 65	2 95		2 40
Dyckerhoff	2 65	2 75		2 40
Hercules	2 25	2 35		2 15
Keene's Superfine "Whites"	10 00	12 00	8 50	9 00
Keene's Coarse "Whites"	6 50	7 00	4 50	5 00
Fire Bricks, Newcastle, per M	27 00	32 00	18 00	22 00
" Scotch "	28 00	33 00	19 00	23 00
Plaster, Calcined N.B.		1 70		1 60

CORRECTED UP TO MARCH 21ST

CANADIAN

Contract Record

A Weekly Journal of Public Works, Tenders, Advance Information and Municipal Progress

This Paper Reaches Every Week the Town and City Clerks, Town and City Engineers, County Clerks and County Engineers, Purchasers of Municipal Debentures and Leading Contractors in All Lines Throughout Canada

VOL. 16. TORONTO, MONTREAL, WINNIPEG, MARCH 29, 1905 No. 7

THE CANADIAN CONTRACT RECORD

PUBLISHED EVERY WEDNESDAY

As an Intermediate Edition of the Canadian Architect and Builder.

THE C. H. MORTIMER PUBLISHING COMPANY

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WARREN BROTHERS COMPANY,
93 Federal St., Boston.

Cement Sidewalks

Sealed tenders, addressed to the undersigned, will be received up to 6 p.m. of MONDAY, 3RD APRIL, 1905, for the construction of Cement Walks in the Town of Waterloo during the season of 1905.

Specifications can be seen and form of tender obtained at the office of the undersigned. No tender necessarily accepted.

A. B. McBRIDE, Town Clerk,
Waterloo, Ont.

System of Sewers

REGINA, N. W. T.

Sealed tenders will be received by the Corporation of the City of Regina, N. W. T., up to

4 o'clock p.m. Monday, April 10th, 1905,

for constructing a system of sewers. Plans and specifications may be seen and blank tender forms obtained at the Secretary-Treasurer's office, Regina, and at the office of the Chief Engineer, JOHN GALT, C.E., Toronto.

Each tender must contain the full name of party or parties bidding and must be accompanied by a certified bank cheque for Two Thousand Dollars ($2,000,) payable to the Treasurer of the Corporation of Regina. The city reserves the right to reject any or all tenders.

J. KELSO HUNTER,
Secretary-Treasurer.

OLD DOORS WANTED

I am open to buy a few walnut doors from old buildings being torn down. Please state sizes, prices, or telephone M. 2701. JAS. ROBERTSON, 10 Front St E., Toronto.

TENDERS WANTED

Immediately for moving a Frame Dwelling from Fort Rouge to corner Ellice and Burnell Streets. Apply to CANADIAN WEST LAND CO., 341 Main St., Winnipeg.

TENDERS WANTED

Sealed tenders will be received by the undersigned up to FRIDAY, MARCH 31ST, 1905, for the erection of a four-room school at the Village of Bolton. Tenders received for the whole or part. Plans and specifications may be seen at the Clerk's office, Bolton, or at the office of the architect, Jas. A. Ellis, 209 Manning Chambers, Toronto, on and after March 20th, 1905. The lowest or any tender not necessarily accepted.

JNO. MACDONALD, Clerk,
Bolton, Ont.

Tenders For Sewer Tile

Sealed tenders will be received by the undersigned up till the 10TH OF APRIL, for the following sewer tile, as per specifications on file in this office:

4,500 feet 6 inch tile.
3,000 " 8 " tile.
120 Single Junctions 6 inch.
100 " " 8 inch.

J. K ROCHESTER, Town Clerk,
Renfrew, Ont.

WATER WORKS IMPROVEMENT

Saint John, New Brunswick

Sealed bids or proposals will be received at the office of the Common Clerk until 3 p.m. of WEDNESDAY, APRIL 12TH, 1905, for the construction of proposed Water Works Extension, which will be let in four contracts as follows:

Section 1—10,300 feet 33" woodstave pipe line and accessory structures.

Section 2—7,400 feet 39" reinforced concrete acqueduct.

Section 3—7,500 feet 48" reinforced concrete acqueduct (part in tunnel.)

Section 4—Concrete Masonry Dam on Mispec River (with headworks and gate-house.)

All bids must be made on the blank form of proposal, which with contract and specification will be furnished intending bidders.

Each proposal on each section must be accompanied by a certified cheque for $2,000, payable to the City of Saint John. A bond of $15,000 on each of Sections 1, 2 and 3, and a bond of $10,000 on Section 4, will be required for the faithful performance of the contract.

Intending bidders can obtain copies of specifications, and plans may be seen either at the office of the Common Clerk, Saint John, or at the office of the Consulting Engineer, Snow & Barbour, Boston.

The Board reserves the right to reject any or all bids or to accept any bid should the Board deem it for the interest of the City so to do.

WALTER W. WHITE, Mayor,
Chairman Water and Sewerage Board.

WANTED

Competent Draughtsman; state salary wanted and give previous experience. MOORE & HENRY, Albion Block, London, Ont.

TENDERS

will be received by the undersigned up till noon, APRIL 8TH, for all the various trades required in the erection of a building for the Canadian Bank of Commerce, Queen Street, Parkdale. Plans and specifications may be seen and all other information obtained at the office of DARLING & PEARSON, Architects, 2 Leader Lane, Toronto. The lowest or any tender not necessarily accepted.

TENDERS FOR SEWER PIPE

Sealed tenders, addressed to Richard Mitchell, City Clerk, will be received up till 4 o'clock p.m. on MONDAY, APRIL 10TH, 1905, for the supply of Sewer Pipe required by the City of Guelph for this year.

Specifications and form of tender may be obtained at the City Engineer's Office.

J. HUTCHEON, City Engineer.
Guelph, March 27th, 1905.

THE TORONTO AND HAMILTON RAILWAY COMPANY

NOTICE TO CONTRACTORS

Tenders will be received by the undersigned up to the FIRST OF MAY NEXT, at noon, for the grading, culverts, masonry, bridges and other works required between Toronto and Niagara Falls, Ontario. On and after the 27th of this month plans and profiles may be seen, and specifications obtained, at the company's engineering department, Pacific building, Scott and Front streets, Toronto. The lowest or any tender will not necessarily be accepted.

FREDERIC NICHOLLS,
Presidedt.
Toronto, 16th March, 1905.

GOVERNMENT POSTAL PNEUMATIC SERVICE.

We understand that work is now well under way and contracts already placed for this service in Toronto and Montreal, so that installation will begin the coming season. It is expected that the system in Montreal will be constructed and in operation first, although the construction of street work will go on simultaneously in both cities. There is still annoying delay occasioned in Toronto, due to the impossibility of locating the Central station building in Front street until the railway expropriation of the burnt district has been settled.

Mr. John Galt, the chief engineer for the Government, informs us that the contract for the pneumatic mains was awarded to Robt. McLaren & Company, of Glasgow, Scotland, and that delivery will begin during May.

CONTRACTS OPEN.

MAPLE LEAF, ONT.—A. Glasgow purposes building a residence.

SALISBURY, N.B. — Plans have been prepared for new school building.

ALAMEDA, N.W.T. — The Council have decided to purchase road machinery.

ST. JOHN, N.B.—The Christie Woodworking Co. intend increasing their factory.

NORTH BAY, ONT. — J. Blanchet intends erecting a three-storey building on Main street.

PORTAGE LA PRAIRIE, MAN.—B. A. St. John intends building a brick block.

MEOTA, N.W.T.—Peter Robinson is this week taking tenders for the building of a school.

KAMLOOPS, D.C.—Plans are to be prepared at once for a new fire hall to be built on First ave.

DURHAM, ONT. — The town will assist the Durham Furniture Co. in rebuilding their factory.

TILBURY, ONT.—It is reported that the Michigan Central Railway intends building a new depot.

WOLSELEY, N.W.T.—The town is offering a bonus of $3,000 for the erection of a 75-barrel flour mill.

GOLDENBURG, ONT. — Richard Ralph is in the market for second-hand engine and boiler, 25 h.p.

SHOAL LAKE, MAN.—Plans for a new school building have been prepared by a Winnipeg architect.

MOOSOMIN, N.W.T.—R. B. Clarke is asking for tenders up to April 1st for erection of a brick hotel.

ARCOLA, N.W.T.—Peter McLellan is asking for tenders up to April 3rd for erection of school building.

ACTON, ONT.—It is expected that the new Grand Trunk station will be commenced early in April.

AMHERST, N.S.—The ratepayers of the United Sections have voted $4,000 to build a new school house.

NEW GLASGOW, N.S.—The ratepayers have voted in favor of raising $40,000 for a water works system.

GANANOQUE, ONT.—A by-law to grant a loan of $15,000 to the Sampson Bolt Co. was carried last week.

FORT FRANCES, ONT.—Architects have been invited to submit plans for proposed town and fire hall.

LITTLE CURRENT, ONT. — The question of providing a better system of fire protection is under consideration.

REGINA, N.W.T.—Tenders are invited by the City Clerk up to May 1st for the purchase of $60,000 of debentures.

NIAGARA FALLS SOUTH, ONT.—It is reported that F. E. Dalton purposes building a business block on Ferry street.

SIX MILE BROOK, N.S.—Tenders for erection of a new school here will be received by A. R. Innis up to April 15th.

SHOULDICE, ONT.—Joseph Allan has just taken tenders on erection of a brick school house in S. S. No. 8, Keppel.

BUCKINGHAM, QUE.—The Electric Reduction Co., this place, are in the market for second-hand motors and generators.

LONDON, ONT.—W. G. Murray, architect, is preparing plans for a $15,000 Sunday School building for St. Andrew's Church.

DARRELL, ONT. — J. Kennedy, Secretary School Board, will receive tenders up to April 12th for remodelling school house.

MINNEDOSA, MAN.—The School Board have decided to submit a by-law to borrow $6,000 for increased school accommodation.

GAINSBORO, N.W.T. — H. D. Cameron and James Mawdsley will erect a flour mill here ; contract for milling machinery not let.

VICTORIA, B.C. — The British-American Paint Co. have made application to the city for a site on which to establish a factory.

GALT, ONT.—The Board of Water Commissioners will ask the City Council for $6,000 for extension of the waterworks system.

NEWCASTLE, N.B.—It is the intention of the Intercolonial Railway management to erect a round-house here costing $25,000.

NORTH TORONTO, ONT. — Dr. Bond has commenced the excavation for a residence at corner of Yonge street and Roehampton ave.

TORONTO JUNCTION, ONT.—Richard Davis has purchased property on Keele street on which he will likely build an office.

MAPLE CLEEK, N.W.T.—The by-law to raise $5,000 for a system of waterworks will be submitted to a vote of the ratepayers April 1st.

ALVINSTON, ONT.—A. S. Code, C.E., has just taken tenders for the construction of three highway bridges in the Township of Brooke.

MOUNT TREMBLANT, QUE. — The Galt Petroleum & Chemical Co. announce that they will erect here a $100,000 wood alcohol plant.

PORT ARTHUR, ONT.—A by-law to assist the Atikokan Iron Co. to establish a blast furnace here was carried by the ratepayers on the 22nd inst.

COLLINGWOOD, ONT. — P. C. Palin, architect, is this week taking tenders for erection of a residence for the manager of the Bank of Montreal.

STEWARTVILLE, ONT.—Tenders requested by D. Young up to Monday, May 1st, for erection of brick veneer school house in S. S. No. 13, McNab.

BOWESVILLE, ONT.—Tenders are being taken this week by E. A Howes for erection of new school building. Plans by George E. Wilson, architect, Ottawa.

GRANDVIEW, MAN. — The ratepayers will vote on a by-law to grant a bonus of $3,000 to the Grandview Milling Co., who purpose building a grist mill and elevator.

RENFREW, ONT.—Roland Crozier is asking for tenders by April 3rd for erection of brick store, corner of Patrick and Raglan streets. Plans by J. D. McNicol, architect.

KINGSTON, ONT. — G.T.R. surveyors have examined the grade between this city and Kingston Mills with a view to having it reduced, although the work would be expensive.

RICHMOND HILL, ONT. — The ratepayers have agreed to provide a site for a new station to be built by the James Bay Railway Co. Work will be commenced at once.

OCHRE RIVER, MAN. — Thomas S. Curtis, Village Clerk, invites tenders up to April 1st for building two pile bridges over the Ochre river, both 50 ft. span and 16 ft. roadway.

ST. ANDREWS, N.B — Bills now before Parliament authorize the town to issue debentures for $10,000 for electric lighting plant and $5,000 as a bonus to the St. George Granite Co.

HARROW, ONT. — John Readman purposes building a two-story residence on Munger ave.—F. Pastorius intends building a residence. Thomas Wride will also build a residence.

QUEBEC, QUE. — J. Gallagher, waterworks engineer, will receive tenders up to Thursday, April 13th, for supply of cement, brick, drain pipes, lead pipe, pig-lead and iron and brass castings.

FREEPORT, N.S.—The Department of Public Works, Ottawa, request tenders by April 14th for construction of a breakwater here. Cheque for $1,800 to accompany each tender.

SANDWICH, ONT.—The Bell Telephone Co. purpose spending $10,000 on telephone system here.—It is expected that the new post office to be built here will be commenced about May 1st ; estimated cost, $15,000.

CHARLOTTETOWN, P.E.I. — The City Council have appointed a committee to prepare a bill asking the Provincial Legislature for power to issue $75,000 of debentures for the installation of an electric light plant.

ORILLIA, ONT. — Croker & Hoy, architects, have prepared plans for remodelling the residence of Dr. W. C. Gilchrist on Peter street. They are also preparing plans for a brick residence for J. W. Garratt, of Coldwater.

COBDEN, ONT.—Tenders for erection of church, from plans by M. C. Edey, architect, Ottawa, will be received by Rev. F. G. Robinson up to 31st inst.—Robert Burton will erect a store building, with plate glass front.

BRANTFORD, ONT.—The County Council are considering the erection of a hospital for consumptives.—It is understood that the Bell Telephone Co. are looking for a suitable site on which to erect a new Central office.

NEWMARKET, ONT. — A new residence will be built by J. A. Collins.—M. Kennedy has purchased two lots on Gorham street on which he will likely build this summer.—A. Finlay is preparing to build two residences.

WIARTON, ONT.—A deputation from this vicinity interviewed the Dominion Government last week in reference to harbor improvements at Wiarton and Lion's Head and the locating of a fish hatchery at the former place.

LISTOWELL, ONT.—D. Hibner, of Berlin, has made a proposition to acquire the property of the Canadian Bent Chair Company here. He agrees to erect an additional building, 44 by 100 feet, 4 stories, at a cost, including plant, of $10,000.

MILTON, ONT.—The Town Council have retained K. L. Aitken, of Toronto, as consulting engineer in connection with the rebuilding of their electric light plant. A new power house will be built and new boilers, engine and generator installed.

ALEXANDRIA, ONT. — A. G. F. Macdonald, Secretary Separate School Board, will receive tenders up to April 1st for erection of a four-room school building in this town. Plans by the Architectural & Engineering Co. of Canada, Sparks street, Ottawa.

SARNIA, ONT. — New tenders invited by the City Clerk for construction of granolithic sidewalks.—R. W. Fawcett, architect, desires tenders by noon of April 1st for erection of a residence on Cromwell street for Robert McMann.

BRAMPTON, ONT. — The Merchants Bank have purchased the property on south-west corner of Queen and Main streets and intend erecting thereon a bank building.—James Goulding is about to erect a costly residence opposite the court house.

BRANDON, MAN. — The Western Electric Light & Power Co propose to

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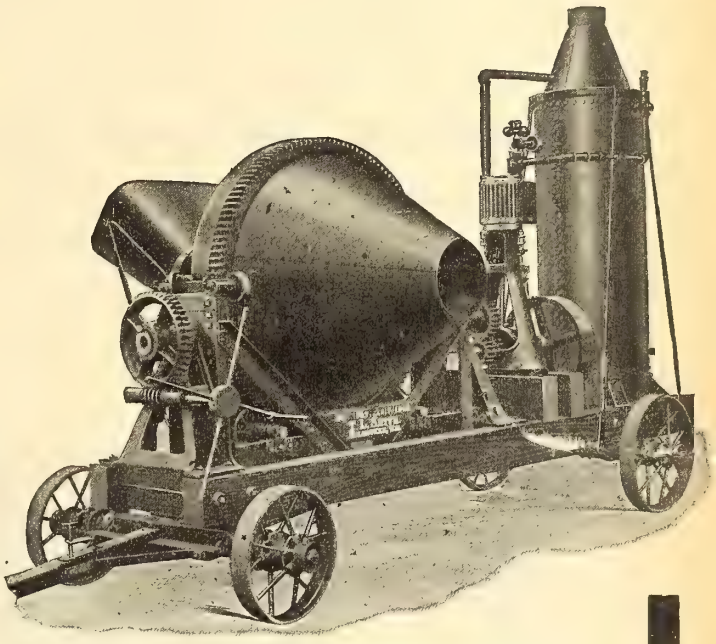
4. It is the Mixer with the longest life.



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MONTREAL

undertake an extensive water power development on the Assiniboine river, five miles east of Brandon. — Tenders will shortly be invited for a new armory here. The plans are in the hands of W. N. Lailey, architect; brick and stone, cost $20,000.

BROCKVILLE, ONT. — The ratepayers carried two by-laws last week, one to loan $30,000 to the Canada Carriage Co. to assist them in rebuilding their works, the other to provide a site for a factory to be built by the D. H. Burrell Co., of Lyttle Falls, N.Y., manufacturers of dairy supplies.

MOOSOMIN, N.W.T.—J. B. Stauffer has been instructed to proceed with the erection of a hotel, to be brick or cement blocks.—F. R. Evans, architect, Winnipeg, has prepared plans for new town hall to be built here, but the contract will not likely be let until next month.

GLACE BAY, N.S.—The ratepayers have appointed a committee to interview the Dominion Government and the Dominion Coal Co. for the purpose of soliciting assistance towards the construction of a waterworks system, estimated to cost $150,000.

WINDSOR, ONT.—The Board of Trade have taken up the subject of establishing a public bath house and have secured rough plans from an architect for a building to cost between $8,000 and $10,000.—The Peninsular Tool & Specialty Co. will erect a factory on Caron avenue.

DEVIL ISLAND, N. S.—The Department of Public Works, Ottawa, are asking for tenders up to Saturday, 15th inst., for construction of a breakwater here. Plans at office of C. E. W. Dodwell, Halifax, N.S.; E. G. Milledge, Antigonish, N.S., and on application to the Postmaster.

WATERLOO, ONT. — A. Weidenhammer, Chairman Light Committee, is asking for tenders by Monday, April 3rd, for supply of a quantity of gas pipe and fittings, also for excavation required for laying the pipes.—The plans for the proposed Evangelical church have been received from H. C. McBride, architect, of London. It will be of red brick, seating capacity 600.

WALKERVILLE, ONT. — F. H. Cooper, Secretary School Board, is asking for tenders up to Wednesday, April 5th, for erection of a fifteen room school. Plans on application to the secretary and at office of Albert Kahn, architect, 1117 Union Trust Building, Detroit. — The Globe Furniture Co. have decided to build a new factory, to cost $40,000, for which plans have been prepared.

PETERBORO, ONT. – The Peterboro Shovel & Tool Co. are having plans prepared for a handle factory and store house.—The Peterboro Lock Manufacturing Co. are about to invite tenders for erection of their new building.—The Fire, Water & Light Committee have recommended the submission of a by-law to the ratepayers to provide $25,000 for erection of a fire hall and purchase of a new steam engine and chemical engine.

CHATHAM, ONT.—A. M. Piper, architect, wants tenders by Friday, 31st inst., for erection of a residence in Dover, about thirteen miles from Chatham.—John Kennedy, this city, will receive tenders up to April 10th for alterations to school house in Section No. 13, Chatham

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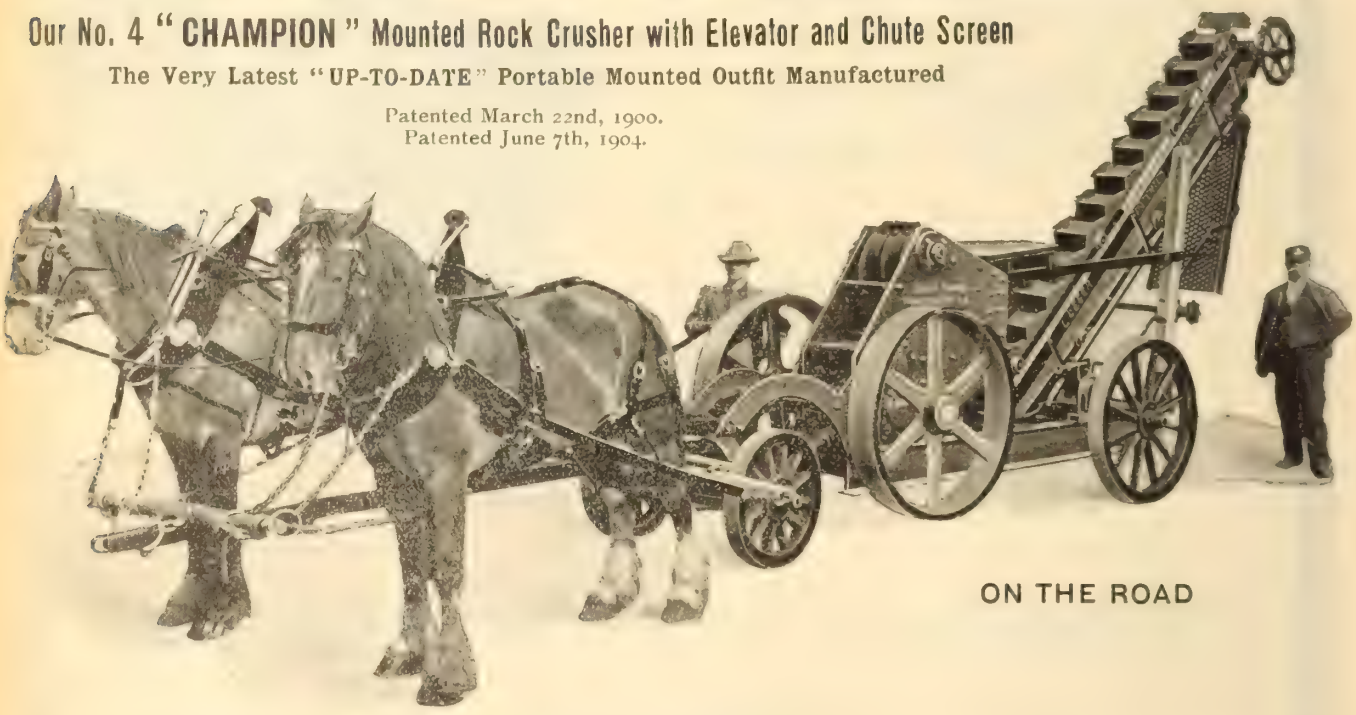

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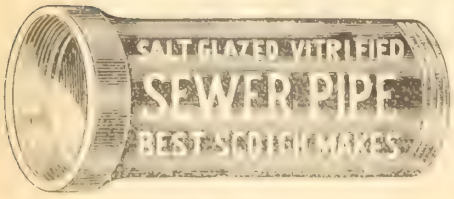

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MONTREAL

Township.—The Wallaceburg & Lake Erie Railway Co. expect to commence the work of building an electric railway between Chatham and Wallaceburg within two months. The power house will probably be located here.

RAINY RIVER, ONT. — The new public school building will be commenced early next month and will be brick, cost $25,000.—A new Roman Catholic church will be built on corner of Broadway and Fourth streets. — W. O. Chapman is arranging for the erection of a new jewelry store.—It is the intention of the Rainy River Curling & Skating Co. to erect a modern rink, to cost between $3,000 and $4,000.—Gordon, Ironside & Fares will erect a new office building.

OWEN SOUND, ONT. — Tenders are invited up to April 20th for purchase of $2,000 debentures of school section No. 16, Township of Sydenham. W. H. Kemp, William White, W. J. Boyd, John Durie, trustees.—The Carney Lumber Co. are making preparations to commence the building of their saw mill here.—The Georgian Bay Power Co., of Toronto, have submitted a proposition to deliver electric energy in Owen Sound and ask for the privilege of using the streets. The power is to be generated at Eugenia Falls.

CALGARY, N.W.T.—The R. C. Mission have approved of the plans prepared by Lawson & O'Gara, architects, for a church to be erected in the new German settlement at Spring Lake, Alberta.—Lawson & O'Gara, architects, have taken tenders on additions and alterations to stone and brick store building on Eighth ave. for S. Laurendeau, also for a three-storey stone and brick convent building to be erected at McLeod.—Wilson & Hodgson, architects, have received the plans for the new block to be built at Wetaskiwin by the Merchants Bank of Canada. It will be three storeys and basement.

STRATFORD, ONT. — Orr & Russel, architects, are preparing plans for a two-story brick house for E. Borland, manager Borland Carriage Co.—S. R. Hesson will erect a building on his property on Ontario street, three stories, brick front, concrete sides, to be commenced about May 1st.—William Davidson, Secretary School Board, has requested that debentures be issued for the erection of a four-roomed addition to Romeo school building.—The City Council will likely take some steps in connection with a storm sewerage system, on which a report was recently submitted.—Building permits recently issued: James Bell, two-storey brick residence, Rebecca street; R. J. Irwin, two-storey brick veneer residence, one on Front street, other on Albert street.

OTTAWA, ONT.—Plans of Separate school building to be built at Alexandria, Ont., may be seen at the office of the Architectural & Engineering Co., Sparks street, this city. Tenders close April 1st. F. Gelinas, Secretary Department of Public Works, will receive tenders up to Wednesday, April 5th, for erection of an addition to the Royal Observatory, this city.—Plans of church to be built at Cobden may be seen at the office of M. C. Edey, architect, this city.—W. B. Garvock is about to prepare plans for new school buildings to be built this year. Including repairs, the proposed expenditure is $88,000.—Plans of breakwaters to be constructed at Freeport and Devil Island, N.S., may be seen at the Department of Public Works, this city. Tenders close April 14th and April 15th, respectively.—Stephen O'Brien, Secretary Ottawa Improvement Commission, will receive tenders up to Tuesday, April 11th, for supply of cement, hardware and timber required by the Commission during the current year. Plans at 110 Wellington Street.—The City Council will apply to the Legislature for permission to issue debentures for $86,000 for new buildings and alterations.

VANCOUVER, B.C.—J. C. McClure proposes to establish a plant at Matsqui for the manufacture of fire brick, building bricks and vitrified sewer pipe. — The British Columbia Wire & Nail Co. have purchased 150 feet of property on the water front on which to build a nail factory. — E. W. Houghton, of Seattle, Wash., has been engaged to prepare plans for the new theatre building to be built by L. G. Wing on corner of Hastings and Abbott streets, which will be 100x120 feet, four stories, brick, cost $50,000. Construction is to be commenced by April 15th.—George E. Bower has purchased two lots on west side of Granville street on which he will erect a substantial

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IRA G. HEDRICK, Mem. Can. Soc. C. E. Mem. Inst. C. E. Mem. Am. Soc. E. C
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HAMILTON - - - - CANADA

building.—Plans have been completed for new public schools to be built at Cedar Cove and Grandview.—G. H. Tom, 602 Carl ave., is asking for tenders up to April 6th for excavation, foundations and masonry for a memorial fountain to be erected in Stanley Park. — Plans have been prepared for a proposed addition to the city hall.—The Board of Works propose to expend $300,000 on permanent improvements within three years, of which $150,000 is to be spent this year.—Plans of a business block to be built on corner of Homer and Hastings streets, this city, for Stephen Jones, of Victoria, may be seen at the office of McClure & Fox, architects, Fairfield Block.—It is understood that tenders will be invited immediately for the new post-office here, which will cost upwards of $400,000.

HAMILTON, ONT.—Charles Mills, architect, intends building a handsome residence for himself on corner of Macnab and Robinson streets, of red pressed brick and stone.—The Canadian Shovel & Tool Co. is being organized by Philip Dyer, of Easton, Pa., and Charles A. Holton, of this city. It is proposed to immediately build a factory in the annex, to comprise four buildings, one of which will be 288x88 feet.—It is understood that the Hamilton, Grimsby and Beamsville electric railway will not be extended to St. Catharines this year owing to the expensive bridges required.—The congregation of Zion Tabernacle have agreed to raise the necessary money for proposed improvements to the church.—A site has been secured on Earl street, near Barton street, for the new church for St. Philip's Parish.—The City Council will ask tenders for a street grader.—Stewart & Witton, architects, have been instructed by J. C. Myles to build a storage warehouse at corner of Main and Hughson streets, five stories, 66 feet square, of brick, with reinforced concrete floors.—Hon. C. S. Hyman, Acting Minister of Public Works, Ottawa, has promised that another $30,000 will be placed in the supplementary estimates for improvements to the Bay front.—Munro & Mead, architects, are preparing plans for a warehouse to be built at corner of Sawford and Aikman avenues for Raymond L. Haskins.—Building permits have been granted as follows: Webber Bessey, brick house on Bold street, between Queen and Hess streets, cost $2,000; Walter Buckbee, house on Erie ave., cost $1,800; A. Martin, house on Mary street, cost $2,100; Ald. Allen, house on Mary street, cost $2,000; W. A. Edwards & Son, store and dwelling, corner Cheefer and Barton streets, cost $2,900; E. J. Willard, six brick houses, corner Aikman ave. and Wentworth street, cost $11,000 (Stuart McPhie, architect); George Scragg, two brick houses, corner Tom and Dundurn streets, cost $1,500.

MONTREAL, QUE. — The Protestant Board of School Commissioners have purchased property on Sherbrooke street, near St. Urbain, as a site for the new Senior school, and a committee has been appointed to report upon the style and equipment of the building.—Active steps are being taken to raise the funds for the Tabernacle Baptist church to be built in the east end.—The Molson's Bank will erect a branch bank this spring at the corner of Notre Dame and St. Remi streets, St. Henri.—S. Arnold Finley has returned from England, where he was interested in forming a company to purchase the block of land at the north end of Dominion square and to erect thereon a large hotel. Two plans are under consideration, involving an expenditure respectively of $2,300,000 and $3,000,000.—The City Council have not yet reached a decision regarding the purchase of a pumping engine.—The Canadian Northern Railway will build several additions to their system in the Province of Quebec this year. The shore line will be built from Shawinigan Junction to Quebec, a distance of 80 miles. There will be three heavy bridges on the line, crossing the St. Maurice, Ste. Anne and Jacques Cartier rivers. Another line to be built will be between St. Jerome and Morin's Flats, 13 miles. The company have asked the Montreal Harbor Commissioners to build a dock at the water front at Longue Pointe.—The following building permits have been granted: Jos. Cadieux, Garnier street, two-storey wood and brick dwelling and store, cost $1,300; A. Charlebois, Aylwin street, three-storey wood and brick dwelling, cost $3,000; A. Pilion, Huntley street, two-storey wood and brick dwelling, cost $2,000; F. Labelle and Z. Lessard, Park ave., pair three-storey brick and stone dwellings, cost $8,000; Israel Nantel, Dorion street, three-storey wood and brick dwelling, cost $3,300; Thos. Collins, Hutchison street, eight three-storey brick and stone dwellings, cost $16,000; J. A. Desrosiers, St. Andre street, two-storey wood and brick dwelling, cost $1,500; S. D. Valieres, Park Lafontaine, three three-storey wood and brick dwellings, cost $6,500; Royal Victoria Hospital, Pine ave., improvements to hospital, $35,000; Sisters of Providence, St. Hubert and St. Demontigny streets, improvements to house, $1,800; S. Burns, St. Lawrence street, improvements to house and store, $1,500; Arthur Bastien, Vitre street, improvements to house and store, $1,600; Estate L. C. Gravel, Craig street, improvements to house and store, $6,000; City of Montreal, improvements to house, $1,670.

WINNIPEG, MAN.—A.&W. Melville, architects, are asking for tenders by Monday, April 3rd, for erection of a seven-house frame terrace with stone basements on Kate Street for Mrs. Nimmons and for the erection of three frame residences with stone basements.—J. H. Cadham, architect, wants tenders by 30th inst. for erection of addition to Robinson & Co.'s store, Albert street.—James Chisholm, architect, desires tenders by 31st inst. for erection of a stable for the Manitoba Cartage Co.—The congregation of Fort Rouge Methodist Church will hold a meeting to-night to decide upon plans for increased accommodation.—It is understood that the owner of the property at the north-west corner of Main street and Graham ave. will erect a six-story brick block thereon this spring.—Darling, Pearson & Over, architects, are this week taking tenders for erection of a rectory for Holy Trinity church, Donald street, a brick residence on Donald street for H. A. D. Chalmers, and a building for the St. Charles Coutry Club. The latter building is estimated to cost about $25,000.—Russell & Nicholls, architects, are taking tenders on a warehouse to be built on Bannatyne ave. and Charlotte streets.—Herbert Mathews is taking tenders on a stone and shingle residence on Stradbrooke place for H. P. Dwight.—Rev. X. Portelance has taken tenders on erection of brick veneered church and rectory on corner of Bannatyne and Lydia streets.—Hooper & Walker, architects, have in hand alterations and additions to the Hoover building, James street.—John Dyke, of Liverpool, will this year add two or more stories to his block on corner of Main street and Graham ave.—L. A. Oldfield has decided to erect a store and office block on corner of Portage ave. and Smith street, the work to be commenced this month.—The National Supply Co. have purchased three acres of land near Notre Dame and McPhilip streets and will build a wharehouse 95 × 100 ft.—Plans have been prepared by John D. Atcheson & Co., of Winnipeg and Chicago, for a five-story business building to be erected on north side of Portage ave., near Hargrave.—Ald. Sandison, Charles W. Thorpe, R. J. Wilson, T. W. Pease and J. Bourbank have decided to build dwellings in Fort Rouge.—The Inter-West Peat Fuel Co. has been organized here, to develop the peat fuel industry in Manitoba.—Among the more important works to be undertaken by the city are the following: Sewer on Coydon ave., cost $38,405; asphalt pavement on Canora street, from Preston ave. to Bath ave., cost $13,035; on Ethelbert street, from Preston ave. to Bath ave., cost $13,470; cedar block pavement on Logan ave., from McPhillips street to city limits, cost $12,200; granolithic walk on south side of Bannerman ave., from Powers to Sinclair streets, cost $5,014.—Herbert B. Rugh, architect, 927 Union Bank, is

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calling for tenders for brick veneer and plaster residence for C. D. Shepard. He has also prepared plans and specifications for a brick warehouse and office building, 40x120 feet, 3 stories and basement, to be built in Calgary for Tees & Persse, Ltd. Same architect is preparing plans for a brick residence for W. Carswell on Smith street, this city. Mr. Rugh will also let contracts shortly for alterations and additions to the banking room and fixtures of the Bank of Nova Scotia.

TORONTO, ONT. — The Northern Construction Co. are prepared to let grading contracts on the James Bay Railway. Particulars at their office near Don post office.—The Board of Control are asking for tenders up to Tuesday, 4th inst., for erection of a fire hall at corner of Herbert ave. and Queen street. Plans at office of the Property Committee, City Hall.—F. H. Herbert, architect, has just taken tenders on the erection of a five-storey factory on Mincing Lane for John W. Cowan, also for excavating required for a store and dwelling to be built on corner of Yonge and Dundonald streets. —Lindsay, Lawrence & Wadsworth are seeking incorporation for the French River Railway, to construct a railway from French River Harbor easterly through the Parry Sound district to Burk's Falls. —Carriere & Hastings, architects, New York, are preparing the plans for the new building to be built by the Traders Bank on corner of Yonge and Colborne streets.—H. H. Williams, 10 Victoria street, is this week taking tenders for the removal of the buildings at 243 and 245 Carlton street.—Frank Hillock, Albert street, wants tenders from all trades for erection of two brick houses.—J. Frances Brown, architect, is taking tenders for erection of a residence on Pembroke street. — Curry, Sproatt & Rolph, 90 Yonge street, want tenders by 30th inst. for taking down and removing a number of houses.—The Toronto & York Radial Railway Co. are asking the Legislature to extend the time for the commencement of their railway and for permission to construct an extension to Bowmanville and Cobourg.—The Board of Control will apply to the Legislature for authority to issue $20,000 of debentures for erection of a new morgue. — Bristol, Bayly & Armour, 103 Bay street, give notice of application to the Legislature to incorporate a company to construct a railway from this city to Ottawa.—The Central Canada Loan & Savings Company have completed the purchase of 80 feet on Victoria street, from No. 14 to No. 24, and have instructed Curry, Sproatt & Rolph to prepare plans for a building to be built at the corner of King and Victoria streets, to cost about $150,000.—Tenders are wanted at 401 Brock ave. from all trades for erection of three brick fronted houses.—Building permits recently granted as follows: W. H. Lee, one-storey brick and stone drug store, south-east corner Avenue road and Macpherson ave., cost, $3,200; J. H. Mackenzie, two-storey brick drug store, east side Avenue road, near Roxborough ave., cost $3,000; P. Rosenbes, pair two-storey brick dwellings, 93 and 95 William street, cost $3,500; Dr. Thomas Butler, 2½ storey brick residence, 568 Manning ave., cost $2,400; Mrs. Allen, four two-storey roughcast dwellings, brick fronts, concrete foundations, Defries street, near Mark, cost $4,100; Worthy Pinkerton, pair two-storey and attic brick and stone dwellings, west side Grace street near College, cost $4,500; R. T. Greenless, pair two-storey roughcast dwellings, brick veneered fronts, west side Leslie street, near Gerrard, cost $3,000; George Phillips, two pair two-storey stone and brick dwellings, 33 to 30 Major street, cost $10,000; Brunswick, Balke, Collendar Co., four-storey brick factory, south side Pacific ave., near Atlantic, cost $20,000; Mrs. John B. Murphy, two-storey and mansard brick addition to dwelling, 85 Bloor street east, cost $4,000; H. M. Death, three pair 2½ storey stone and brick dwellings, Dovercourt road, near Hepbourne street, cost $13,000; D. G. Chestnut, two-storey and attic stone and brick dwelling, north side Chestnut Park, near Cluny ave., cost $5,000; John Drummer, two pairs two-storey dwellings, brick fronts, stucco sides and backs, west side Albany ave., near Dupont street, cost $5,600; George H. Gooderham, four brick additional stories to building, 24 Temperance street, cost $20,000; Joseph A. Gould, two-storey roughcast dwelling, brick foundation, Russett ave., near Bloor street, cost $1,600; James Wythe and George Gaynor, pair two-storey and attic brick and stone dwellings, south side Bloor street, near Shaw, cost $4,000; Henry McSherry, pair two-storey roughcast dwellings, brick veneered fronts, brick foundations, north side Dagmar ave., near Pape ave., cost $3,000.

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FIRES.

Methodist church at Deseronto, Ont., damaged to extent of $3,000.—Saw mill of Emilien Lupien at Wickham Station, Quebec, loss $3,000, no insurance.—Saw mill of W. W. Shaw at Hartland, N. B., loss $4,000, insurance $1,600.—Residence and office of Dr. A. Hoy, South Mountain, Ont., totally destroyed.—Building of the Coulonge Hardware Co., Port Colborne, Ont., loss $15,000.—Factory of the Durham Furniture Co., Durham, Ont., completely destroyed, loss $50,000. —Flour mill of Alexander Dobson, Beaverton, Ont., almost totally destroyed, loss $35,000.—Carriage show rooms of Tudhope & Co., Orillia, Ont., partially destroyed.

CONTRACTS AWARDED.

ESSEX, ONT. — Granolithic walks : Pettypiece Silex Stone Co., successful tenderers, 11 cents a square foot.

STRATFORD, ONT. — New R. C. church : Blonde Lumber Co. of Chatham, contractors ; cost about $20,000.

CALGARY, N. W. T.—Residence for A. C. Russell : Lawson & O'Gara, architects ; J. A. Bishop, contractor.

FAIRFIELD, N.B.—Rebuilding breakwater at Campbell's Cove, Kings county : Joseph McIntyre, this place, contractor.

BRIDGEBURG, ONT.—Brick veneered residence on Jarvis street for Dr. Mencke : Hanna Bros., Ridgeway, contractors.

HARRISTON, ONT.—Contracts have been let for residences for J. J. Pritchard, S. Clark, W. A. Gleuney and J. M. Mackay.

EDMONTON, N.W. T.—Power house for the Edmonton Street Railway Co. : Charles May, contractor ; brick, 47x85 feet, one storey.

BRANDON, MAN.—Supply of cement: Hunter, Smith Hardware Company, successful tenderers, 76 cts. per 100 lbs. f.o.b. Brandon (Hercules brand).

SUDBURY, ONT.—Electrical apparatus and pump for waterworks system : Canadian General Electric Co., Toronto, successful tenderers, $4,655.

HAMILTON, ONT.—W. O. Johnston & Bros., of Ohio, have been awarded the contract to grade the road bed for the Hamilton, Ancaster and Brantford electric railway.

DESERONTO, ONT. — Cement for corporation purposes : Canadian Portland Cement Co., $2.25 per barrel in cotton bags, allowance of 40 cents for bags returned.

VICTORIA, B. C.—The contract for the superstructure of C. P. R. hotel has been let to A. E. Barratt, of Seattle, Wash., at $500,000. F. M. Rattenbury is the architect.

FORT FRANCES, ONT.—The Atlas Portland Cement Co. have been awarded the contract to supply the Backus Brooke Syndicate with over 100,000 barrels of cement for the construction of the power dam here.

TORONTO, ONT.— Frank Simpson was the only tenderer for dredging slips ; price 33, 1-3 cents and 23½ cents per cubic yard.—Extension of Jarvis street sewer : Medler & Arnott, contractors, $3.57 per lineal foot.

OTTAWA, ONT.—Four street watering carts : W. J. Campbell, successful tenderer, $340 each.—Addition to the Western Block of the Parliament Buildings : George Goodwin, successful tenderer ; cost about $75,000.

MITCHELL, ONT. — The Mitchell Bridge Co. have secured the contract for two steel bridge superstructures in Howick Township, a steel bridge over Bayfield river between Perth and Huron counties, and a bridge in Mornington Township.

MONTREAL, QUE.—The Canadian Rubber Co. have secured the contract for 5,000 feet of fire hose for this city.—The Ontario Wind Engine & Pump Co., of Toronto, have secured a contract from the Canada Car Co. for the erection of a large tank.

FREDERICTON, N. B.—The Commissioner of Public Works has awarded the contract for rebuilding of Red Bank bridge over the Miramichi river, in parish of North Esk, to J. D. McLaughlin, of Mill Cove. Bridge will be seven spans, each 140 feet long, price about $15,000.

NIAGARA FALLS, ONT. — Brick veneer residence for H. R. Misener ; Architect, E. D. Pitt ; masonry, Newman Bros., St. Catharines ; carpentry, James Harriman ; plumbing and heating, Clark & Co. ; painting, R. A. Kelsey & Sons ; electrical work, Martin Electric Supply & Construction Co.

WINNIPEG, MAN. — Waterworks supplies ; Lead pipe, Jenkins & Hardy, $4.47½ for 100 lbs. ; 500 valves, John Stevens Co., 80 cents each , stop cocks and lead pipe, R. Mitchell Co. and A. P. Smith Manufacturing Co. ; pipe fittings, J. H. Ashdown Co., Miller-Morse Co. and Fairbanks Co. —Bungalow for the Manitoba Rifle Association : McCombe & McKay, contractors, cost about $3,500.

COLLINGWOOD, ONT.—Store house for Captain G. Pearsall on Pine street : Architect, John Wilson ; masonry and brick work, A. Court ; wood-work, Mr. Peterman ; roofing, J. A. Smith; tinsmithing, McFakzen & McQuade ; painting, E. Ellis ; brick, 110x35 feet, cost $4,000.—Warehouse for C. Stephens Co. : Architect, John Wilson ; masonry and bricklaying, R. Patterson.

NEW COMPANIES.

Nanor Automobile Company, Limited, Toronto, incorporated, capital $300,000, Directors, A. G. Ronan, mechanical engineer, William Bullock, and others.

Union Drawn Steel Company, Limited, Hamilton, incorporated, capital $150,000, to manufacture iron and steel products. Directors, F. N. Beegle, E. C. Rebeske and J. A. McMahon, of Beaver Falls, Pa., Frederick Davidson, of Pittsburg, and George Davidson, of New Brighton, Pa.

Dominion Thread Mills, Limited, Toronto, incorporated, capital $150,000. Directors, S. P. Biggs, E. K. Cullen, and others.

Walter Nicholls Motor Boat Company, Limited, Toronto, incorporated, capital $25,000. Directors, Walter Nicholls, Frederic Nicholls, H. H. Macrae, and others.

Siemon Bros., Limited, Wiarton, Ont., incorporated, capital $100,000, to manufacture and deal in furniture and building materials. Directors, J. L. Siemon, Andrew Siemon, Daniel Widmeyer, and others.

Mageau LeBlanc Lumber Company, Limited, Chapleau, Ont., incorporated, capital $40,000, to manufacture lumber. Directors, Zotique Mageau, J. E. Serre, Oliver Laberge, M. A. LeBlanc and H. A. West.

Maestro Piano Company, Limited, Toronto, incorporated, capital $40,000, to manufacture pianos, organs, etc. Directors, Ernest Garret, A. E. Ridgeway, and others.

Garson Quarries Company, Limited, Winnipeg, Man., incorporated, capital $250,000. Directors, Peter Lyall, William carson, and others.

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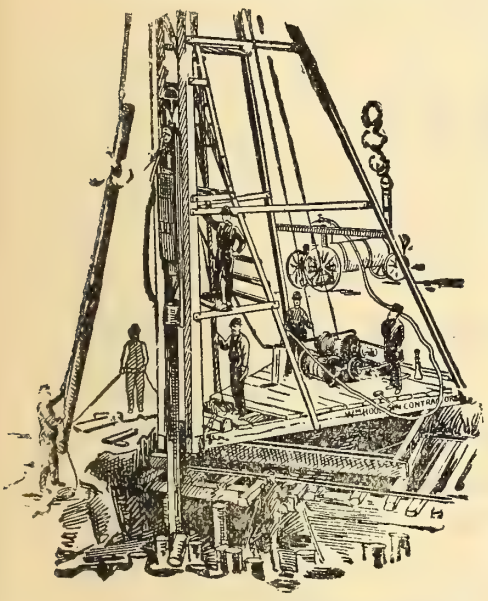

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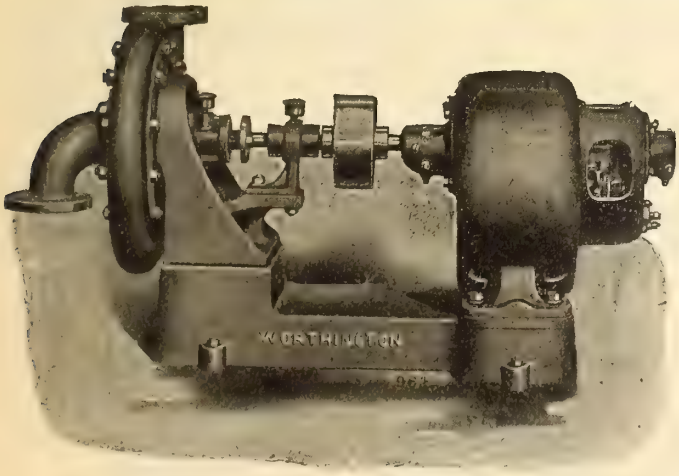

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Dymond Gas & Engine Company, Limited, Toronto, incorporated, capital $1,000,000. Directors, John Dymond, A. A. Wighton, C. J. Gibson, R. J. Goudy, and V. E. Taplin.

McKeough & Trotter, Limited, Chatham, Ont., incorporated, capital $100,000, to manufacture saw mill and hoop and stave machinery, engines, boilers, etc. Directors, Samuel Trotter, J. F. McKeough, and others.

Collingwood Ship-Building Company, Limited, Collingwood, Ont., incorporated, capital $1,000,000. Directors, Thomas Long, H. S. Osler, W. B. Raymond, and others.

Brown & Company, Limited, St. Marys, Ont., incorporated, capital $40,000, to manufacture and deal in window sash, store and office trimmings, lumber, etc. Directors, George Brown, M. Telvin, Daniel Baird and T. J. Rundle.

St. Lawrence Wagon Company, Limited, Montreal, incorporated, capital $75,000, to manufacture wagons, motor cars, implements, etc. Promoters, James Meldrum, R. A. Gentles, and others.

Pittsburg Gold Dredging Company, Limited, Peterboro, Ont., incorporated, capital $300,000. Directors, William Hamilton, Matthew Smith, and others.

Battle Creek Health Food Company, Limited, Toronto, incorporated, capital $30,000. Directors, Harrison Powell, George J. Van Nostrand, A. J. Van Nostrand and others.

Western Development Company, Limited, Toronto, incorporated, capital $1,000,000; Promoters, J. W. Mitchell, Robert Armstrong, A. L. Malone, H. N. Asling and C. W. Fleming.

E. N. Moyer Company, Limited, Toronto, incorporated, capital $150,000, to manufacture and deal in school and office furniture, etc. Promoters, E. N. Moyer, of Toronto, Harry R. A. Moyer, of Halifax, N. S., and others.

Toronto Woollen Machinery, Limited, incorporated, capital $40,000, to manufacture and deal in woollen, cotton, textile and other machinery and supplies. Directors, Louis Bredanaz, Jules Bredanaz, J. M. Ewing, and others.

McPhee Automatic Signalling Company, Limited, Toronto, incorporated, capital $100,000, to acquire and manufacture an invention for automatic signalling and stopping of railway trains. Directors, J. C. Kelley, of Toronto, Taylor McVeity, of Ottawa, and others.

Bellhouse, Dillon, & Company, Limited, Montreal, incorporated, capital $45,000, to manufacture and deal in cements, paints, firebricks, etc. E. F. Surveyor, D. Armour, and others.

Canada Glue Company, Limited, Toronto, incorporated, capital $100,000. Directors, Paul Kreismann, O. C. Butz, Franklin Rudolph and others, all of Chicago.

Northern Development Company, Limited, Montreal, incorporated, capital $40,000, to carry on mining operations, construct hydraulic works, etc. Promoters, C. H. Archer, J. L. Perron, L. Beauchamp, J. E. Perrault, and N. A. Brais.

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	Per M. Ft.	
1 inch No 1 Pine cuts and better	$48.00 to	$50 00
1½ to 2 inch No. 1 cuts and better	51.00	53.00
1½ to 2 inch No. 3 cuts and better	38.00	39.00
1 inch Pine Dressing and better shorts	25.00	27.00
1 x 4, 6 and 8 Common	18.00	19.00
1 x 10 and 12 Common	19 00	21.00
1 inch mill run sidings	21.00	22.00
1 inch mill run	20.00	21.00
2 x 10 and 12 mill culls	15.00	16.00
1 inch dead cull sidings	12.00	13.00
1½ inch Flooring	26 00	27.00
Hemlock, 1 x 4 to 8 inch	14 50	15.50
2 x 4 to 10 inch, 12 to 16 feet	15.00	16.00
2 x 4 to 10 inch, 18 feet	16.00	17.00
1½ inch No. 1 4 ft. Pine Lath	3.00	3.50
1½ inch No. 2 4 ft. Lath	2.80	2.90
1½ inch No. 1 4 ft. Hemlock Lath		2.80
XXXX Pine Shingles	2 90	3 00
XXX Cedar Shingles	2.80	2.90
B. C. Shingles:		
XXX 6 butts to 2 inch		2.60
XXXX 6 to 23-16 inch		2.80
XXXXX 5 to 2 inch		3.15

HARDWOODS—PER M. FEET CAR LOTS.

Ash, white, 1sts and 2nds, 1 to 2 inch	$33 00 to	$35.00
Ash, black, 1sts and 2nds, 1 to 1½ inch	27.00	29.00
Birch, M. R. 1 inch	22.00	24 00
" 1½ inch to 2	23.00	25.00
Basswood, Common and better, 1 to 1¼ inch	24.00	25 00
Basswood, 1½ to 2 inch	25.00	26.00
Elm, soft, mill run, 1 to 1½ in	24.00	25.00
Elm, rock, mill run, 1 to 1¼ in	24.00	26.00
Maple, common and better, 1 to 1½ inch	21.00	22.00
Oak, red plain, 1sts and 2nds, 2 to 4 inch	44.00	46.00
Oak, white, 1sts and 2nds, 1 to 1½ inch	42 00	44 00
Oak, quartered, 1sts and 2nds	70.00	80.00

SLATE.	Toronto.	Montreal.
Roofing (per *square*).		
red	20 00	20 00
purple	9 00	10 00
unfading green	10 00	11 00
black	9 00	9 0
Terra Cotta Tiles, per sq	23 00	25 0
Ornamental Black Slate Roofing		77 00

(Continued on page 13.)

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Hanover, Ontario

Manufacturers of the Celebrated

"SAUGEEN" Brand of PORTLAND CEMENT

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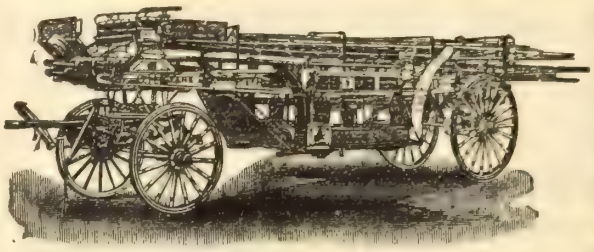

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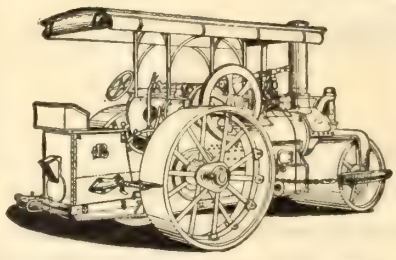

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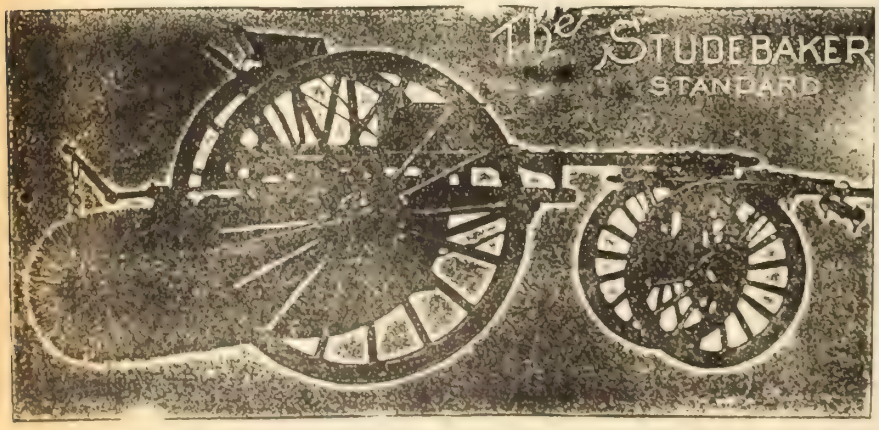

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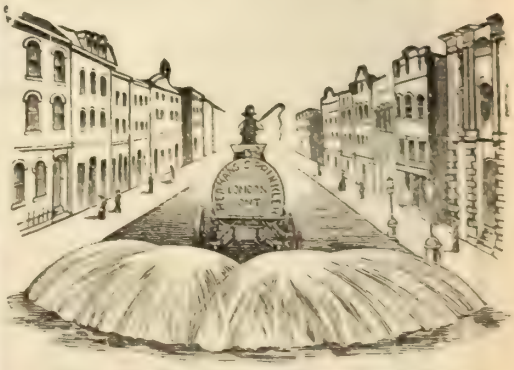

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We also make an . . .

IMPROVED VERTICAL SPRAY for Pavements.

Geo. Heaman, Mnfr., London, Ont.

Prices of Building Material

(Continued from page 12.)

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DON VALLEY BRICK WORKS.

Nos. 1, and 2, Red Pressed Bricks.....
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No. 1 Brown Pressed Brick.....
Pompeiian Red, Buff and Brown Pressed Bricks.....
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Vitrified Street-Paving Bricks.....
Semi-Vitrified Foundation Bricks.....
Common Stock Red and Grey Bricks.....
Sewer Bricks.....
Stone or Macadamized Roadways.....

Please write to head office, 34 Toronto St. Toronto, for catalogue and prices.

MILTON PRESSED BRICK AND SEWER PIPE CO.

	F.O.B. Milton, Ont.	F.O.B Montreal
Red No. 1		$18 00
" 2		16 00
" 3		14 00
Buff No. 1		20 00
" 2		18 50
Brown		25 50
Roman Red		30 50
" Buff		33 50
" Brown		40 50
Hard Building		12 00
" Sewers		12 00
" Backing		11 50

Please write to head office, Milton, Ont., for catalogue and prices.

TORONTO PRESSED BRICK AND TERRA COTTA WORKS

	F.O.B. Milton, Ont.
Red No. 1	13 00
" 2	15 50
" 3	9 00
Buff No. 1	15 00
" 2	13 00
Brown	25 00
Roman Red	30 00
" Buff	35 00
" Brown	40 00
Hard Building	8 00
" Sewer	7 50
" Backing	6 00

Moulded and Ornamental from $2.00 to $5.00 per 100'
Terra Cotta String Courses and Frieze, from 50c. to $2.00 per ft. run.
Roofing Tiles, $20.00 per 1,000.

BEAMSVILLE BRICK AND TERRA COTTA CO.

	F.O.B. Beamsville.	F.O.B. Montreal.
Red Peerless Facing	$16 00	$21 50
" No. 1	14 00	19 50
" No. 2	12 00	17 50
" No. 3	10 50	15 00
Brown Peerless Facing	20 00	25 50
" No. 1	18 00	23 50
Buff Peerless	20 00	25 50
" No. 1	18 00	23 50
" No. 2	15 00	20 50
Moulded and Ornamental Brick	from $3 to $10 per C:	
Roman Red (Size 12 x 4 x 1½ in.)	30 00	35 50
" Buff " "	30 00	35 50
" Brown " "	34 00	39 50
Vitrified Paving Brick No. 1	18 00	23 50
" " " No. 2	15 00	20 50
Sewer	8 00	13 50
Roofing Tile	22 00	26 00

FIRE BRICK

TORONTO POTTERY CO.	F. O. B. Toronto Car lots	Less
Boyd	20 00 M.	25 00 M.
W. W. Co.	22 50 M.	27 50 M.
Savage Crown	28 50 M.	32 00 M.
Ramsay		30 00 M.

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A 1 brand, f.o.b. Toronto	$36 50
No. 1 "	29 50
" 2 "	22 00

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MASSILLON STONE AND FIRE BRICK CO.

Repressed Blocks, car lots f.o.b. Toronto.... $29 00

(Continued on page 14)

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GENERAL STEEL CONTRACTORS
Large Stock I BEAMS, CHANNELS, ANGLES, TEES, ZEES and PLATES always on hand.

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Absolutely the most popular Cement in Canada on account of its merits
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BRIDGES NEW AND SECOND HAND CONTRACTOR'S LOCOMOTIVES STEAM SHOVELS
Principal Office: Imperial Bank Building, MONTREAL

Prices of Building Material

(Continued from page 13)

STONE.	Toronto.	Montreal
Common Rubble per toise, delivered at building	13 50	11 00
Large flat Rubble, per toise, delivered	14 00	18 00
Foundation Blocks, per c. ft.	40	50
Granite (Stanstead) Ashlar, 6 in. to 12 in., rise 9 in., per ft.		25
Amherst Red Sandstone Amherst, N.S., per cub. ft. on cars at quarry 40c . . at quarry		40
Sackville, N.B, brown or red stone f. o. b. Quarries	45	45
ashlon	30	40
Myers-Northport Red or River Philip Gray Sandstones f.o.b. per cubic foot	75	65
Stanstead granite paving blocks, 8 in. to 12 in. x6 in. x4½ in. per M		50 00
Granite curbing stone, 6x 20 in. per lineal foot		70
Buctouche Olive Freestone	85	65
Olive Sandstone (Indiantown, N. B)	80	70
Brown Sandstone (Sackville, N. B.	80	70
Moat red sandstone, per cu. ft.		60
Black Pasture buff stone per cu. ft.		50
Hagersville Crushed Stone per ton	1 25	
Nova Scotia blue grey, per cu. ft.		65
Coursers, 6 to 8 in. f. o. b. St. Mary's. per cord		7 00
Footing, 6 to 10 in. per cubic ft.		15
Dimension Stone, f. o. b. St. Mary's, per cubic foot		35
Granite (Laurentian Pink) Ashlar, 6 to 12 in., rise 9 in., per c ft.		25
Dimension Stock Granite, (Laurentian Pink) for building purposes, per c. ft., f.o.b. quarries		40
Do., for polishing purposes, up to 2 tons weight, per cubic foot		70
	F.O.B. Halifax	
Dimension stock granite for building purposes, per cu. ft.		40
Do., for polishing purposes, up to 2 tons weight, per cubic ft.		1 00
Paving sets, per thousand block		60 00
CREDIT VALLEY STONE.	F.O.B. Quarries.	
Rubble, per ton		60
Brown Coursing, up to 10 per sup. yard		1 75
Brown dimension, per cub.		70
Grey coursing, per sup. yard		1 25
Grey dimension, per cub. ft.		40
ROMAN STONE.	F. O. B. Factory.	
6" x 3" Sills, tooled seated and throated 35c. per lineal foot		
Window Heads and Ashlar, 40c per square foot		
Window and Door Quoins tooled 40c. per superficial foot		
String Courses, Molded or Ornamental, 6" to 12" rise 50c to $1.50 per lineal foot		
Hollow wall tooled finish 14" thick 40c. per square foot		

LIME.	Toronto.
White Lime, per ton, Delivered	$8 00
Grey " " "	7 00

PORTLAND CEMENT (CARLOADS.)	Toronto.		Montreal	
Canadian (Packages, 350 lbs. net.):				
Rathbun's Star	1 70	2 00	1 80	2 00
Trowel			1 85	1 95
Samson	1 75	1 85		
Magnet	1 55	1 65		
Monarch	1 80	1 90	1 90	2 00
Hercules	1 75	1 75		
Imperial		1 80		
Crescent 375 lbs. gross	2 30	2 40	1 95	2 05
Diamond 350 " "	2 20	2 30	1 85	1 95
"Giant" Brantford	1 75	2 00	2 00	2 50
American (in Bags)				
"Helderberg"			1 90	2 00
Alsen				2 25
Lehigh, in bbls., 375 lbs.		2 35	2 10	2 20
" cotton sacks, 350 net		2 00		2 00
" paper bags		2 10		1 85
"Iron Clad" in bags 350 lbs.			1 80	1 90
"Invicta" " " "			1 65	1 70
"Adirondack" " " "			1 50	1 65
Vulcanite (The Toronto Pottery Co., Limited. Toronto) 350 lbs. per bbl.				
In paper bags		1 80		
" wooden bbls.		2 00		
" cotton bags		2 10		
English in Barrels):				
Brook's Shoobridge Anchor	2 35	2 40	2 00	2 10
Belgian (in Barrels):				
"Josson"	2 60	2 70	2 20	2 30
"North's Condor	2 05	2 10	2 25	2 30
"White Cross"	1 90	2 00	1 75	1 80
Hammer			1 80	1 90
White Star	2 15	2 25	1 90	2 00
Samson			1 80	1 90
German (in Barrels):				
Offenbacher				2 35
Alsen	2 65	2 95		2 40
Dyckerhoff	2 65	2 75		2 40
Hercules	2 25	2 35		2 15
Keene's Superfine "Whites"	10 00	12 00	8 50	9 00
Keene's Coarse "Whites"	6 50	7 00	4 50	5 00
Fire Bricks, Newcastle, per M	27 00	32 00	18 00	22 00
" Scotch "	28 00	33 00	19 00	23 00
Plaster, Calcined, N.B.		1 70		1 60

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SIZES, 8 x 10 9 x 15 10 x 20
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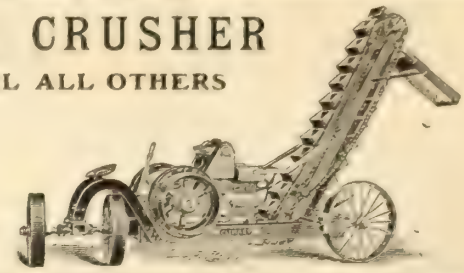

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FIRE BRICKS
FIRE CLAY

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BORAX,
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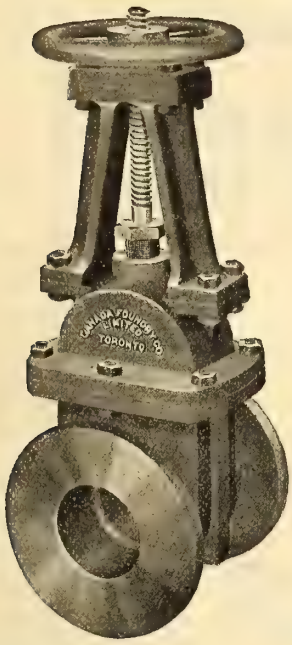
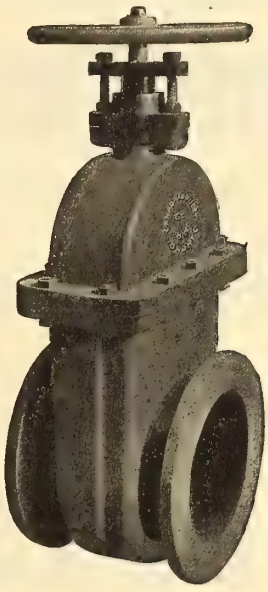
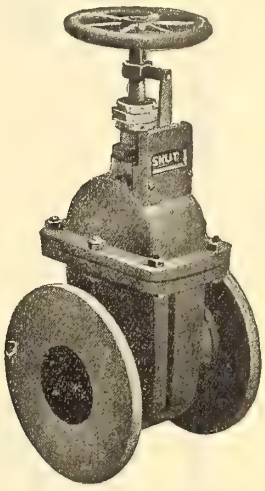
Special Castings







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MONTREAL

CANADIAN

Contract Record

A Weekly Journal of Public Works, Tenders, Advance Information and Municipal Progress

This Paper Reaches Every Week the Town and City Clerks, Town and City Engineers, County Clerks and County Engineers, Purchasers of Municipal Debentures and Leading Contractors in All Lines Throughout Canada

VOL. 16. TORONTO, MONTREAL, WINNIPEG, APRIL 5, 1905 No. 8

THE CANADIAN CONTRACT RECORD

PUBLISHED EVERY WEDNESDAY

As an Intermediate Edition of the Canadian Architect and Builder.

THE C. H. MORTIMER PUBLISHING COMPANY

of Toronto, Limited.

Subscription Price, $2 per annum, payable in advance.

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DEBENTURES FOR SALE

Tenders will be received by the undersigned until APRIL 14TH NEXT, for the purchase of $3,840 4½% Local Improvement Debentures of the Town of Durham, Ont.

WM. B. VOLLET, Clerk.

THE BITULITHIC PAVEMENT

We are prepared to furnish Municipal Corporations and Responsible Contractors with the necessary plant, bitumen for the three courses, expert advice and laboratory testing on a royalty basis under our patent for laying the Bitulithic Pavement. We are also prepared to instal Municipal Paving Plants.

WARREN BROTHERS COMPANY,
93 Federal St., Boston.

TENDERS FOR SEWER PIPE

Sealed tenders, addressed to Richard Mitchell, City Clerk, will be received up till 4.o'clock p.m. on MONDAY, APRIL 10TH, 1905, for the supply of Sewer Pipe required by the City of Guelph for this year.

Specifications and form of tender may be obtained at the City Engineer's Office.

J. HUTCHEON, City Engineer.
Guelph, March 27th, 1905.

THE TORONTO AND HAMILTON RAILWAY COMPANY

NOTICE TO CONTRACTORS

Tenders will be received by the undersigned up to the FIRST OF MAY NEXT, at noon, for the grading, culverts, masonry, bridges and other works required between Toronto and Niagara Falls, Ontario. On and after the 27th of this month plans and profiles may be seen, and specifications obtained, at the company's engineering department, Pacific building, Scott and Front streets, Toronto. The lowest or any tender will not necessarily be accepted.

FREDERIC NICHOLLS,
Presidedt.
Toronto, 16th March, 1905.

OLD DOORS WANTED

I am open to buy a few walnut doors from old buildings being torn down. Please state sizes, prices, or telephone M. 2701. JAS. ROBERTSON, 10 Front St. E., Toronto.

WANTED

A Competent Architectural Draughtsman.

Apply C. J. GIBSON,
75 Yonge Street, Toronto.

THE CORPORATION OF THE CITY OF REGINA

CITY ENGINEER WANTED

Wanted—A Resident Civil Engineer for the City of Regina to take full charge of all the public works of the city. Applications addressed to the Chairman of the Board of Works Committee, care of the Secretary Treasurer, City of Regina, will be received up till FRIDAY, 14TH APRIL, 1905.

J. KELSO HUNTER, Secy-Treasurer.

Tenders Wanted

Sealed tenders addressed to the Chairman of the Public Works Committee, for the construction of about 40,000 superficial feet of concrete walk, 2,500 superficial feet of crossings, 4,000 lineal feet of concrete curbing, will be received at the office of the undersigned up to 4 p. m. on SATURDAY APRIL 22nd, 1905.

Plans, specifications, form of application and instructions to bidders may be had on application to the office of Richard Smith, Town Engineer. Each tender must be accompanied by an accepted marked check or cash deposit for not less than 2½% of the estimated cost, which will be subject to forfeiture in the case of failure on the part of the contractor to enter into a written contract if called upon to do so.

The Town or Committee reserves the right to reject any or all tenders or to accept any bid that appears advantageous to the Town of Midland.

THOS. I. TRUEMAN, Town Clerk.
Midland, March 29th, 1905.

TOWN OF PORT ARTHUR

TENDERS

Sealed tenders, addressed to the Chairman of the Electric Railway and Light Commissioners, will be received at the office of the undersigned up to 12 o'clock, noon, of FRIDAY, MAY 5TH, 1905, for the purchase of the following Electrical Machinery:

One (1) 150 H. P. Wheelock Compound Condensing Engine.

One (1) 80 H. P. Boiler, Shafting, Pulleys and Belting.

One (1) 500 Volt 45 K.W. Railway Generator.

One (1) 60 K.W. 2000 Volt 125 Cycle Alternator.

With all necessary switch-board and attachments.

All of which can be inspected at the power house at Current River, Port Arthur.

Tenders will be received in whole or in part.

Tenders to be marked "Tenders for Electrical Machinery."

The lowest or any tender not necessarily accepted.

J. McTEIGUE,
Secretary Electric Railway and Light Commissioners.
Corporation Offices, Port Arthur, Ont., March 28, 1905.

TENDERS

Concrete Storage Warehouse

Proposals and tenders will be received by the undersigned for the erection of a Cement and Armored Concrete Storage Warehouse 83' x100' to be erected at Toronto Junction for Messrs. Pugsley, Dingman & Company. Plans can be seen and all information obtained from

F. H. HERBERT, Architect,
9 Toronto Street.

WATER WORKS IMPROVEMENT

Saint John, New Brunswick

Sealed bids or proposals will be received at the office of the Common Clerk until 3 p.m. of WEDNESDAY, APRIL 12TH, 1905, for the construction of proposed Water Works Extension, which will be let in four contracts as follows:

Section 1—10,300 feet 33" woodstave pipe line and accessory structures.

Section 2—7,400 feet 39" reinforced concrete acqueduct.

Section 3—7,500 feet 48" reinforced concrete acqueduct (part in tunnel.)

Section 4—Concrete Masonry Dam on Mispec River (with headworks and gate-house.)

All bids must be made on the blank form of proposal, which with contract and specification will be furnished intending bidders.

Each proposal on each section must be accompanied by a certified cheque for $2,000, payable to the City of Saint John. A bond of $15,000 on each of Sections 1, 2 and 3, and a bond of $10,000 on Section 4, will be required for the faithful performance of the contract.

Intending bidders can obtain copies of specifications, and plans may be seen either at the office of the Common Clerk, Saint John, or at the office of the Consulting Engineer, Snow & Barbour, Boston.

The Board reserves the right to reject any or all bids or to accept any bid, should the Board deem it for the interest of the City so to do.

WALTER W. WHITE, Mayor,
Chairman Water and Sewerage Board.

BUSINESS NOTES.

Mecure & Jobin, builders, Montreal, have dissolved.

Hooper & Watkins, architects, Vancouver, are opening a branch office in Victoria.

The death is announced of William H. Davis, of William Davis & Sons, contractors, Ottawa.

Milton F. Blackwell and Arthur S. Billings, builders, Vancouver, B. C., have dissolved partnership.

Northwood & Noffke, architects, of Ottawa, have opened an office in the Merchants Bank Building, Winnipeg.

The Christie Woodworking Co., manufacturers sashes, doors, etc., St. John, N. B., have been succeeded by the Christie Woodworking Co., Limited.

CONTRACTS OPEN.

SIMCOE, ONT.—E. Shellberg purposes building a residence.

SALISBURY, N.B.—Plans are being prepared for new school building.

TERRANOVA, ONT. — Button & Thompson are rebuilding their saw mill.

BRIDGEBURG, ONT.—E. E. Hart intends building a brick store and dwelling.

ARCOLA, N.W.T. — Arthur Mears will build a brick block 24×40 feet, two stories.

WINDSOR MILLS, QUE. —The Hamilton Powder Co. may build another dam.

BURKS FALLS, ONT. — Knight Bros. have commenced building a new factory.

NEWCASTLE, ONT.—A new residence will be built this spring by H. Davidson.

MIDDLETON, N.S.— The Baptist congregation have decided to build a parsonage.

PETROLIA, ONT.—Hugh Sharkey intends building an addition to the Normandy Hotel.

BARRIE, ONT. — The contract has not yet been awarded for heating the West Ward school.

BRADFORD, ONT.—A new residence will be built on Holland street by William Jermyn.

WESTMOUNT, QUE —The Town will take steps at once to install an electric light plant.

SUTTON, MAN.—Paul Wood intends developing a water power here for electric light and power purposes.

BELMONT, MAN. — The Council will ask the Government to build a bridge over the Pembina river.

NEEPAWA, MAN.—Plans are being considered for erection of manse in connection with Knox church.

KENTON, MAN. — A. F. Anderson will receive tenders up to May 1st, for erection of frame school.

AMHERST, N.S.—Rhodes, Curry & Co. purpose enlarging the building used for erection of passenger cars.

COLLINGWOOD, ONT.—R. J. McDowall, C.E., has been instructed to prepare plans for septic tanks.

EAGLE CREEK, N.W.T.—W. Adams Porter desires tenders by 15th inst. for erection of a frame school house.

REGINA, N.W.T.—I. Rigby will receive tenders up to May 1st for erection of brick and stone school building.

NIAGARA FALLS SOUTH, ONT.—The Bank of Hamilton contemplate erecting a building on Main street.

COATICOOK, QUE. — Dr. Finnie has purchased property on Baldwin street on which he will build a residence.

MORDEN, MAN.—A by-law to raise $25,000 for school purposes will be submitted to the ratepayers April 17th.

TILBURY, ONT.—Property at corner of Queen and Canal streets has been purchased as a site for a town hall.

CENTREVILLE, N.B.—A new Baptist church will be built here.—James Hartley intends building a residence.

DAWN MILLS, ONT.—A. E. Hooper will receive tenders up to April 10th for remodelling Wabash Methodist church.

HEADINGLY, MAN.—A by-law to raise $4,000 for building a new school was carried recently by a large majority.

GALT, ONT.—F. W. Mellish, architect, is preparing plans for new stables to be built on the Scott property, Dickson street.

POINT EDWARD, ONT.—John M. Elliott wants tenders by Friday, 7th inst., for erection of two storey brick veneer house.

CRYSLER, ONT. — W. E. Crane, M.D., is taking tenders for a residence and office. Plans by J. P. Maclaren, Ottawa.

PARIS, ONT.—Thomas Ausbrook intends building a residence on Jan estreet and Mr. Lloyd will build on Banfield street.

KAMSACK, N.W.T.—Mr. Sinnot, of Grandview, is about to build a large hotel here.—The Massey-Harris Co. will erect a building.

PARRY SOUND, ONT.—The British American Development Co., of which E. E. Virgo is agent, intend building a smelter here.

KINCARDINE, ONT.—A deputation from this vicinity have asked the Dominion Government to construct harbor improvements here.

ORILLIA, ONT.—Plans for the new Y.M.C.A. building will be prepared immediately. Particulars from J. J. Thompson or T. B. Cramp.

NAPANEE, ONT.—The Town Council purpose installing a lighting plant and have engaged R. S. Kelsch, C.E., of Montreal, as engineer.

MOOSE JAW, N.W.T.—The T. W. Robinson Co. purpose building a brick block on Main street, 27 × 80 feet, two stories and basement.

ST. JOHN, N.B.—Tenders are invited by the City Clerk up to 19th inst. for special appliances required by the city in the water extension to Loch Lomond.

GRAND FORKS, B.C.—It is understood that construction work on the Great Northern branch line from Midway to Similkameen will commence this month.

HANOVER, ONT. — The Public School Board are having plans prepared for an addition to school building, 36x90 feet, two stories, with concrete basement.

BEAVERTON, ONT.—A by-law to grant a loan of $10,000 to assist Alexander Dobson in rebuilding his flour mill will be submitted to the ratepayers April 25th.

ST. THOMAS, ONT.—James Butler, of London, intends building two residences on Station street, this city.—The Granite Curling Club purpose building a new rink.

NEW WESTMINSTER, B.C.— A proposition to build an electric railway from this city to Steveston has been submitted to the Brirish Columbia Electric Railway Co.

PETERBORO, ONT.— J. E. Belcher is preparing plans for a large summer hotel to be built on Eel's creek near the head of Stoney lake. R. H. Jackson is interested.

CARBERRY, MAN.— Residences will be built this year by George Grant, M. Collins, James Hope, R. Fallis, William McKinnon, D. Switzer, William Chisholm and W. Cowell.

HANTSPORT, N.S. — George D. Comstock, Town Clerk, desires bids by Tuesday, 11th inst., for a loan of $42,000 for the purpose of providing a water supply for the town.

SHERBROOKE, QUE.—The Sherbrooke Power, Light and Heat Company purpose increasing their water power plant. R. S. Kelsch, C.E., of Montreal, is consulting engineer.

DUNNVILLE, ONT.—A company will seek incorporation to build an electric railway from St. Catharines to Dunnville and Port Dover. W. H. Aikens, W. F. Haskins and James Rolton, of this place are interested.

UPTERGROVE, ONT.—Rev. J. B. Dollard is asking for tenders up to Wednesday, 12th inst., for erection of a Catholic church in this village. Plans by A. W. Holmes, architect, Toronto.

FREDERICTON, N.B. — The City Council are taking steps towards the inauguration of a sewerage system.—Edward Morgan & Co. want a bonus of $15,000 towards establishing a carriage factory.

MONCTON, N.B.—W. E. Barnes, architect, is preparing for a new school to be built in Salisbury.—The Town Council will be compelled to take steps at an early date to enlarge the electric light plant.

MIDLAND, ONT.—T. I. Trueman, Town Clerk, desires tenders by Saturday, 22nd inst., for construction of about 40,000 sup. ft. of concrete walk, 2,500 sup. ft. of crossings and 4,000 lin. ft. of concrete curb.

EAST TORONTO, ONT.—Representatives of the City Council last week had an interview with the Grand Trunk Railway authorities respecting the widening of Main street bridge, at a probable cost of $18,000.

EDMONTON, N.W.T.—The National Trust Co. purpose erecting a building on corner of First street and Jasper ave.—Revillon Bros. have purchased property on corner of First and Isabella streets on which to build a warehouse.

PRINCE ALBERT, N.W.T.—Material is placed on the ground for the new church for St. Alban's congregation.—The by-law to raise $160,000 for waterworks, sewerage, and sidewalks carried by a large majority on March 29th.

ROSTHERN, N.W.T. — The Council are discussing telephone and electric light service.—An addition will be built to the public school, at cost of $4,000.—Dawson Bros. and Friezen & Penner will each build a brick block.

WALKERVILLE, ONT. — Hiram Walker & Son contemplate building another large distillery. Plans for a rack warehouse to hold 4,000 barrels have been completed, and the total expenditure will be about $300,000.

FERNIE, B.C.—H. & J. Broley are preparing plans for a new store building to be built by the Crow's Nest Trading Co.—It has been decided to engage a consulting engineer to report on a waterworks system for this place.

ST. MARY'S, ONT.—By-laws will be voted on May 6th to raise $10,000 for constructing permanent roadways.—The Water & Light Commissioners are having a by-law prepared to raise $15,000 for improvements to the systems.

ST. JOHNS, QUE.—The Richelieu Light & Power Co. has been organized, with a capital of $500,000, to supply electric light and power to St. Johns, Fanham, Iberville, and other towns. It is proposed to enlarge a plant at Yamaska.

FORT FRANCES, ONT.—The International Terminal & Bridge Co. has been incorporated by E. W. Backus, of Minneapolis, and others, to build a bridge over the Rainy River from Fort Frances to International Falls, Minnesota.

MORRISBURG, ONT.—A by-law was carried here on March 31st to provide for the development by the village of 1,100 horse power of electric power on the canal and granting certain privileges to a company to establish a tin plate and sheet industry.

BRANDON, MAN.—D. C. McKinnon intends building a three storey addition to the Imperial Hotel.—W. Nicholson Lailey, architect, is preparing plans for a four-storey furniture store and show rooms for Campbell & Campbell, for a brick veneered residence for W. J.

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MONTREAL

Young, and for alterations and additions to Andrews & Co.'s store, all at this place. He is also taking tenders on a brick veneered residence for R. A. Clement.

DUBLIN, ONT. — James Jordan, Clerk Hibbert Township, has been instructed to invite tenders for construction of Staffa drain. A committee has been appointed to get an estimate of the cost of a steel superstructure for the Cowie bridge.

SARNIA, ONT.—Ryder & Hand are this week taking tenders for remodelling the Hotel Bendome. — C. D. Stewart, Town Clerk, will receive tenders up to Thursday, 6th inst., for supply of concrete and glazed sewer pipe required by the town during the year.

NANAIMO, B.C.—A committee of the City Council has recommended that waterworks extensions costing $9,840 be undertaken.—The quarries on Newcastle Island owned by the North-Western Construction Co., of Oakland, California, are again to be operated. New machinery will immediately be installed.

RAINY RIVER, ONT. — The ratepayers will vote on a by-law this week to raise $4,800 for the purchase of a steam fire engine, hose, reels and appliances. F.A. Gormley, Town Clerk.—A. E. Mark will receive tenders up to Monday, April 17th, for erection of an eight-roomed school.

KEEWATIN, ONT.—The Lake-of-the-Woods Milling Co. are about to build a new power house, 48 × 50 feet, of concrete and iron.—The Keewatin Flour Mills Co. have had plans prepared by the Allis-Chalmers Co. for a mill with a daily capacity of 5000 barrels, with elevator adjoining.

PORT ARTHUR, ONT.--A scheme is being considered to extend the electric railway by building a belt line round the town.—George T. Marks has had plans prepared for a stone and brick office block to be built on Lorne street and for a three storey brick and stone store building on Cumberland street.

ST. CATHARINES, ONT.—The proposed improvements to the Roman Catholic church here will include a steam heating plant and will cost upwards of $4,000 Next year a presbytery will probably be built.—W. B. Allan, architect, is preparing plans for three additional buildings to be erected by J. M. Ross, Sons & Co.

DUNDAS, ONT.—The Board of Education have engaged an architect to report as to the probable cost of a new High school.—The New Century Refrigerator Co. have completed arrangements to rebuild their dry kiln.—L. P. Spittal will probably build a number of houses of moderate size.

INDIAN HEAD, N.W.T.—At a meeting of citizens held on March 25th, permission was given the Town Council to prepare a by-law to raise $140,000 for waterworks and sewerage systems and an electric light plant, in accordance with report submitted by John Galt, C. E., Toronto. The septic tank system of sewage disposal is to be adopted.

NIAGARA FALLS, ONT.—Robert Howe, inspector for the Canadian Fire Underwriters' Association, has recommended the purchase by the town of three steam fire engines and the construction of a 10,000,000 gallon fire engine.—The

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MILLER BROS. & TOMS
MONTREAL

Dominion Suspender Co. intend erecting a brick building 70 feet long near their present factory.

CALGARY, N.W.T.—R. S. Kelsch, C.E., of Montreal, has been engaged as consulting engineer in connection with the establishment of a municipal electric light plant.—Wilson & Hodgson, architects, want tenders by 15th inst. for erection of bank buildings for Canadian Bank of Commerce at Innisfail and Claresholm, N.W.T.

CHATHAM, ONT.—D. R. Farquharson, Collector of Customs, intends building a fine residence on Inches ave.—John Barr and Thomas Vince have purchased two loss on Park ave. and purpose building.—Plans are under consideration for remodelling the interior of the First Presbyterian church, at a cost of $3,500.

STRATFORD, ONT.--Orr & Russell, architects, have prepared plans for a red brick residence to be built on Front street by J. J. Mason, also for a large cottage on Huron street for David Scrimgeour.—James Dickson intends building a residence this summer.—James Steele, of Smith & Steele, barristers, is seeking incorporation for a company to build an electric railway from this city to Grand Bend or Lake Huron, with branches to New Hamburg and Travistock.

GUELPH, ONT.—A. M. McCannell and J. Currie, of Toronto, are organizing a company here to manufacture sand cement brick and cement building blocks. —The City Council have granted ten acres of land to the Canada Glue Company in consideration of their establishing a factory costing $30,000.—At a public meeting last week a resolution was passed authorizing the City Council to issue debentures for $23,000 for an addition to the Collegiate Institute without submitting a by-law to the ratepayers.

TORONTO JUNCTION, ONT.—It is understood that the Stark Telephone, Light & Power Company will erect a large business block on May street.—The following building permits have recently been granted: R. C. Gunning, two houses on Willoughby avenue; Racey Lumb, two houses on Willoughby avenue; Chas. Proctor, two houses on Pacific avenue; H. S. Chappelle, one house on Lakeview avenue; T. A. Fleming, two houses on Lakeview avenue; T. A. Fleming, one house on Pacific avenue, John Marr, two houses on Union street.

FORT WILLIAM, ONT.—J. C. Stinson has just taken tenders for erection of two dwellings.—The surveys have been completed and plans are under way for the proposed development of power by the Kakabeka Power Co. The work on the canal will be started next month.—H. W. Robinson purposes erecting a new building on property recently acquired in the Wiley addition.—John Galt, C. E. & M.E., of Toronto, has been engaged to report to the town council on the feasibility of obtaining a water supply from Loch Lomond.—The Fort William Hotel Co. are inviting offers for a suitable site on which to build a hotel, to cost about $50,000.

BRANTFORD, ONT. — A Lister is building a store and residence in the North Ward, cost $4,000.—A chancel and school house will be built in connection with Trinity Anglican church.—It is understood that the Brantford Electric & Operating Co. purpose installing a new steam plant.—Stewart, Witton & Taylor, architects, are preparing plans for the following: Store front and addition for T. H. Noble, Market St., Brantford; two residences on James St. for Mrs. Savage; residence for Eldoras Todd at Caledonia, Ont.; addition to Scarfe Varnish Works, Brantford; and school building at Wroxeter, Huron County.—Ker & Goodwin have purchased a lot at corner of Colborne and Clarence streets and will build a factory, red brick, two stories, 40x70 feet.—The question of installing new boilers at the pumping station is under consideration.

HAMILTON, ONT.—Samuel and Peter Cheeseman have bought 9 acres of land south-west of Chedoke Ravine, Aberdeen ave., where they will establish a brick making plant.—F. J. Rastrick & Son, architects, have prepared plans for improvements to St. Paul's A.M.E. church. —The following building permits have been granted: Ald. Allen, brick residence, McNab street, between Mulberry and Colborne streets, cost $2,000, also similar residence on Murray street; A. W. Maguire, two residences, Stanley ave., between Locke and Garth streets, cost $2,100.—The Hamilton Cataract Power, Light & Traction Co.

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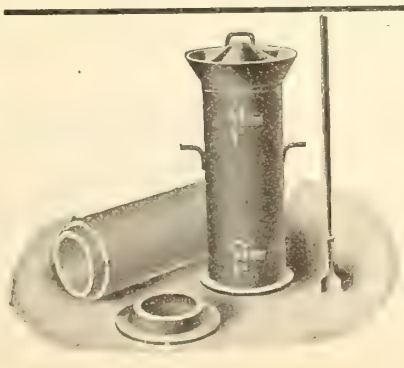

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are said to be negotiating for the purchase of the Masonic Temple at the corner of James and Gore streets with the object of building a new station.—The Hamilton, Guelph and North Shore Railway Co. will make application for permission to build lines from Hamilton to Guelph and to a point in Nelson Township.

OTTAWA, ONT.—The congregation of Stewarton Congregational church are planning to build a stone structure on corner of Argyle ave. and Bank street. Committee, Rev. W. McIlroy, N. J. Kerr, C. Low and G. A. Little.—The City will ask the Provincial Legislature for permission to borrow $177,000, of which $65,000 is for extending water mains and $86,000 for extension and improvement of Lansdowne Park and Exhibition buildings.—J. R. Booth has asked the City Council for a 99 years' lease of Union Square, where he desires to erect a 3,000 horse power steam plant.—W. E. Gowling has just taken tenders on construction of club house for the Rideau Canoe Club, from plans by M. C. Edey, architect.

LONDON, ONT.—The City Council have decided to issue debentures for $9,000 for the laying of water mains.—The London, Chatham & Western Railway Co. are seeking incorporation to construct an electric railway from London to Windsor.—Building permits have been granted as follows: Harry Maul, brick veneer residence, South street, between Wellington and Waterloo; A. Kernohan, brick veneer residence, Colborne street, between South and Nelson; R. C. Evans, residence, Adelaide street, between Queen and Dufferin avenues.—The building on Wellington street formerly occupied by the Sanitary Dairy Co. has been purchased by the London Life Insurance Co., who will remodel the interior.—Engineer Pratt, of Toronto, has already begun work on plans for the West London breakwater.

PETERBORO, ONT.—The Separate School Board are considering plans for a new building prepared by E. W. Argus, architect.—Tenders are invited up to 8th inst. for erection of factory for the Peterboro Lock Co. Main building will be 175x44 feet, three stories, and foundry 160x70 feet, of brick. Plans by J. E. Belcher, architect. — The building committee of St. Johns church are arranging for the location of the proposed rectory.—On Thursday last the Town Council gave the second reading to a by-law to raise $25,000 to build a new fire hall, install a fire alarm system and purchase a chemical engine.—E. W. Argus, architect, is taking tenders for a store and meat market, a three-storey building and two-storey barn, of brick, cost about $8 000, also for a store front for Thomas Barrie & Co., to cost about $1,500.

WINNIPEG, MAN.—W. H. New, architect, is preparing plans for an apartment block to be built on Broadway, 100x50 feet, 4 stories, cost $70,000.—H. B. Pugh, architect, has plans almost completed for the cement apartment block to built on corner of Spence and Broadway, 3 stories, 6 apartments, cost about $45,000. Same architect is taking tenders up to Saturday, 8th, for erection of a brick residence on Smith street, near Broadway, for W. Carswell. — At the annual meeting of the Winnipeg Lodging & Coffee House Association held last week, plans were accepted for a new four storey building to be erected on the corner of Logan and Martha streets.—William Whyte, of the C. P. R., states that a Lake Winnipeg extension of 16 miles will be built this year.—The Norris Implement Co. have purchased a two-acre site located between Bannatyne and Winnipeg avenues and will commence operations at once on the building of a factory.—J. H. G. Russell, architect, has just taken tenders on a brick and stone residence on Wellington crescent for W. H. Cross.—The Manitoba Iron Works Co. are doubling the size of their forge shop and may also build a foundry.—John D. Atchison & Co., architects, are asking for tenders up to April 15th for erection of an apartment building at corner of Broadway and Edmonton street.—It is proposed to submit a by-law to the ratepayers to raise funds for the proposed high pressure system of fire protection. — The City Clerk is taking tenders on piping to cost about $18,000.—Plans have been prepared by H. S. Griffith, architect, for a four-storey hotel to be built on the present site of the Kastner House on Notre Dame street. The promoter is J. Macdonald.—Foley, Lock & Larson intend building a large biscuit factory in this city.—The Winnipeg Rubber Co. purpose erecting a six-storey building on McDermott ave.—J. H. Cadham, architect, is this week taking tenders for erection of business block on Portage ave.

VANCOUVER, B.C. — Plans prepared by W. T. Whiteway, architect, have been accepted for four roomed public school to be built at Grandview, two stories, stone foundation, frame superstructure, cost $10,000.—The Vancouver, Westminster and Yukon Railway Co. are having surveys made with a view to the construction of the road at an early date.—The Stave Lake Power Company purpose proceeding immediately with their proposed water power developement. The power will be transmitted from the Stave river to Vancouver, New Westminster and vicinity.—It is understood that Waddell & Hedrick, of Toronto and Montreal, have prepared plans for a bridge to be built across the inlet at the Second Narrows.—Maclure & Fox, architects, are preparing plans for remodelling a building on Granville street for the Eastern Townships Bank.—The C. P. R. contemplate making extensive improvements to their water frontage along Burrand Inlet. A sea wall will be built for 1,300 feet from the western end of the present wharves and a timber trestle constructed.—Julius A. Brown, of Los Angeles, has purchased the Telephone block on corner of Hastings and Seymour streets and intends thoroughly remodelling the interior.—City Engineer Tracy has reported to the City Council on a high level system of water supply for Fairview and Mount Pleasant. Two routes are considered, one costing $150,000, the other $200,000. The cost of new intake above present dam is placed at $15,000.

MONTREAL, QUE.—The tenders received by the Parks and Ferries Committee for a look-out on the mountain were in excess of the appropriation, and new tenders may be received.—The Montreal Steel Co. are about to enlarge their plant.—City Surveyor Barlow has presented to the Road Committee a report on public works to be undertaken this year, at an expenditure of $562,900, and including the following: Increasing capacity of Craig street sewage pump, $50,000; new outlet for Delorimier ave.

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sewer, $16,000; sewer from sewage farm, $30,000; Sherbrooke street sewer, $75,000; English Basin sewer outlet, $75,000; enlarging sewer on Mount Royal ave., $10,000; macadam for streets, $20,000; permanent sidewalks, $50,000.—Building permits have been granted as follows: Geo. Rattalade, Chambord st., pair two-storey wood and brick dwellings, cost $3,400; Dr. Alex. Germain, St. Dennis st., one three-storey brick and stone dwelling, cost $7,000; L. Latourneau, St. Dennis st., three-storey brick and stone dwelling, cost $6,000; A. Asselin, Logan and Dufresne sts., three-storey wood and brick dwelling, $3,500; Napoleon Bigras, St. Hubert st., two-storey wood and brick dwelling, cost $1,500; Estate Berthelot, St. Francois Xavier st., improvements to dwelling and stores, $16,000; Estate Robilard, St. Lawrence st., improvements to stores, $1,800; J. W. Cartier, Park ave., improvements to houses, $7,000; J. W. Cartier, St. Famille st., improvements to houses, $5,000; G. Scott, St. Luke st., improvements to houses, $7,000; C. Courtois, De Lormier st., improvements to houses, $5,000.

TORONTO, ONT.—Gordon & Helliwell, architects, are taking tenders up to Saturday, 8 h inst., for erection of a brick dwelling on Carlton street. — Frank Hillock, Albert street, wants tenders for erection of two brick houses on Simpson ave.—J. J. Walsh, Adelaide street east, has purchased 416 feet of land on west side of Dundas street, just south of Bloor, on which he intends building 22 six-roomed houses, to cost about $2,200 each.—The Board of Control are asking for tenders up to Tuesday, 18th inst., for supply of cast iron water pipe for the year ending April 1st, 1906, and for laying of water mains this year, also for erection of a freight shed at east side of wharf at Block D, Harbor square.—F. H. Herbert, architect, is taking tenders up to 5 p.m. of 6th inst., for erection of stone and brick store, office and residence on north-east corner of Yonge and Dundonald streets.—Plans have been prepared by F. H. Herbert, architect, for a cement and armored concrete storage warehouse, 83 x 100 ft, to be erected at Toronto Junction for Pugsley, Dingman & Co., tenders for which are asked for in this issue.—W. R. Wilson has purchased the whole of the north-east corner of Avenue road and Farnham avenue, in the new annex, having a frontage of 450 feet on Avenue road, upon which he will erect a pressed brick and cut stone residence costing $20,000. F. H. Herbert, architect, has prepared the plans and tenders for its construction are being called for.—The congregation of Knox Presbyterian church have decided to build a new edifice on the corner of Spadina ave. and Wilcox street and have appointed a committee to obtain plans.—The City Engineer has reported that a 12-inch water main extending from Cherry street across the Don and into Ashbridge's Bay will cost $12,000.—Plans of Catholic church to be built at Uptergrove, Ont., may be seen at the office of A. W. Holmes, architect, this city.—The Council have given notice of their intention to construct the following pavements: Macadam roadway on Agnes street, from Yonge to University, cost $5,199; tar macadam roadway on Russett ave., cost $4,292; on Marguerettta st., from Bloor street to 958 feet north, cost $4,625; tar macadam roadway on Westmoreland ave., from Bloor to Van Horne, cost $18,974; brick pavement on St. Clarens ave., from Wyndham to Dundas street, cost $7,105; asphalt pavement on Wright ave., from MacDonnell to Sorauren ave., cost $3,889; on Chestnut street, from Queen to Armory, cost $6,445; on George street, from King to Duke, cost $3,519; on Cherry street, from Brock to St. Clarens ave., cost $3,679; on George street, from Duke to Queen, cost $8,975.—The Canadian Pacific Railway have decided not to proceed with the construction of the bridges on the Sudbury-Toronto line until the entire work of grading is completed.—Building permits have been granted as follows:—William T. Witheridge, two roughcast dwellings, 225 and 227 Gore Vale avenue, cost $3,300; Wm. B. Charlton, brick dwelling, Close avenue, cost $3,500; G. J. Woods, two-storey brick store and dwelling, 754 Broadview avenue, cost $1,500; J. Powers, two brick dwellings on College street, cost $4,500; Mrs. Geo. F. Haworth, two-storey dwelling, 20 Maple avenue, cost $6,000; A. E. Peglar, two-storey dwelling, 324 Smith street, cost $1,000; F. J. Lightbourn, alterations to residence, 22 South Drive, cost $3,000; Wickens & Co., two dwellings, Dovercourt road, cost $4,000; F. B. Poucher, six brick dwellings, Sparkhall avenue, cost $13,500; North American Land Company, four brick and stone dwellings, Euclid avenue, cost $8,000; J. A. Harvey, seven brick and stone dwellings, Euclid avenue, cost $13,000; Harry Hutson, four brick and stone dwellings,

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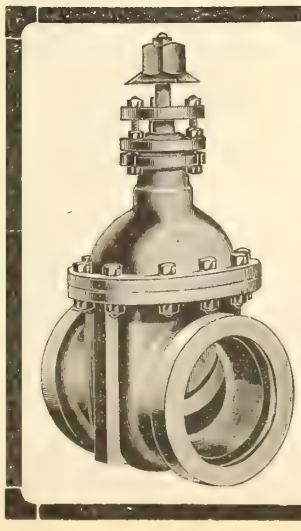

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Bernard avenue, cost $8,000; A. L. Johnston, two brick and stone detached dwellings, Palmerston avenue, cost $9,000; Andrew Nelson, two brick and stone dwellings, Manning avenue, cost $4,500; M. F. McDonald, brick and stone detatched dwelling, Beatty avenue, cost $4,000; Jas. Keens, brick and stone detatched dwelling, Bernard avenue, cost $4,000; M. J. Sage, brick addition for dance hall, 249 College street, cost $2,900; F. H. Richardson, two brick dwellings, Victor avenue, cost $,000; Dr. Foster, alterations to 69 Adelaide street east, cost $1,100; W. H. Carter, two-storey dwelling, Dufferin street, cost $1,200; H. Whitemore, brick dwelling, Nanton crescent, cost $2,800; J. S. VanCamp & Son, three dwellings, brick fronts, Logan avenue, cost $3,500; James Keir, three dwellings, 1019, 1021 and 1023 Queen street east, cost $5,000; Ansman & Marshall, 2½-storey brick dwelling, Albany avenue, cost $3,000; Mrs. Lucinda Graham, eight roughcast dwellings, Westmoreland ave., cost $10,000; Ansman & Marshall, 2½-storey brick dwelling, Albany avenue, cost $3,000; R. G. Toft, two-storey brick dwelling, 16 Woodlawn avenue, cost $2,500; Ansman & Marshall, brick dwelling, Albany avenue, cost $3,000; S. E. Plowman, two brick dwellings, 12 and 14 Woodlawn avenue, cost $6,000; Geo. T. Graham, two dwellings, brick foundations and brick-veneered fronts, Lindsay avenue, cost $2,500; Stephen Denning, brick addition to store and alterations, rear 155 Queen street west, cost $1,200.

FIRES.

Beef packing room of J. Y. Griffin & Co., Winnipeg, Man., damaged to extent of $30,000.—Saw mill at Speedside, Ont., owned by R. Horwood.—Buildings on Cote street, Montreal, occupied by Star Iron Co., Standard Shirt Co. and C. Howard Smith, damaged to extent of $60,000.—Building at Chatham, Ont., occupied by A. Jahnke & Sons, undertakers, and J. C. Wanless, hardware dealer; loss $15,000.—Large building on Youville square, Montreal, occupied by Joseph Ward & Co., Loynachan & Scriver, and the Canadian Dairy; loss $50,000.—Building on Craig street, near Victoria square, Montreal, owned by D. A. McCaskill, totally destroyed, loss $70,000.—Hardware store of Dalton & Co., Wellwood, Man., partially destroyed.

CONTRACTS AWARDED.

FREDERICTON, N.B. — Residence for H. B. Atherton: Ald. Mitchell, contractor.

PETERBORO, ONT. — Remodelling interior of post office: Daniel Belleghem, contractor.

NORTH BAY, ONT.—Construction of waterworks pipe line: James M. Chalmers, contractor.

BURKS FALLS, ONT.—$7,000 debentures: A Barber, purchaser, 99 and accrued interest.

CHATHAM, ONT. — Residence on Ursuline ave. for Thomas French: Blonde Co., contractors.

EDMONTON, N.W.T.—Town debentures: Canadian Bank of Commerce, purchasers, $131,684.70.

MONCTON, N.B. — Extension of Intercolonial Railway freight sheds: T. T. Leblanc, contractor.

ACTON, ONT.—Macadam pavement on Mill and Church streets: James M. Chalmers, Lindsay, contractor.

QUEBEC, QUE.—Block on St. Joseph street for Lavigueur & Hutchinson: F. Parent, contractor, cost $10,000.

GREENOCK, ONT.—Construction of Watson's bridge: Concrete work, Keyes Bros.; superstructure, Hamilton Bridge Co.

CARP, ONT. — Four room school with basement: J. P. MacLaren, Ottawa, architect; W. R. J. Mackey, Ottawa, contractor.

OWEN SOUND, ONT.—Construction of engine and boiler room, machine shop and refuse burner for Carney Lumber Co.: Sinclair & Grier, contractors. Buildings will be brick, stone foundation.

BRANTFORD, ONT.—Stewart, Witton & Taylor, architects, have awarded the contract for residence and offices on Wellington street for T. H. Bier, M.D., cost about $6,000.

SARNIA, ONT.—Two stores on Christina street for Albert Batty: Carpenter work, G. A. Proctor; masonry, A. E. McDonald; painting, E. R. McArthur; plastering, J. Jenkins; plumbing, Frank Goodwin.

WOODSTOCK, ONT. — Contracts were awarded last week for a two-storey brick factory building for the Eureka Planter Co., who are moving here from Windsor. Building will be 50 × 120 feet, with wings.

LONDON, ONT.—Building for McClary Manufacturing Co.: Brick and stone work, James Luney; cement construction, Trussed Concrete Steel Co., Toronto; brick, stone and cement, fireproof throughout, cost $10,000.

ST. THOMAS, ONT. — Construction cement walks: A. E. Ponsford, successful tenderer, at following prices: Sand finish, 9 5-8 cents per square foot; granite finish, 12½ cents; curbing, 23½ cents per lineal foot; curbing with gutter, 37 cents; curbing with walk, 11 cents.

WINNIPEG, MAN.—Supply of sewer pipe: W. F. Lee, successful tenderer, $13,213.—Six-storey building for the J. C. Wilson Paper Co. of Montreal: J. J. Woodman, architect; Peter Lyall & Co., contractors.—Hotel, corner Main street and Rupert avenue, for J. Rosenthal: J. W. H. Fraser, contractor; brick, four stories and basement, cost $40,000.

TORONTO JUNCTION, ONT.—Cement, sewer pipe and pine and cedar lumber for the town: Toronto Junction Lumber Co., successful tenderer. There were five tenders for cement, $2.09½ per barrel, $1.65, $1.76½, $1.90 and $1.75½, but the latter two were the only ones that complied with the specifications. The prices for sewer pipe are: 4 in., $1.47½; 6 in., $1.97½; 9 in., $4.05; 12 in., $6.75.

ST. CATHARINES, ONT. — The following tenders have been accepted for annual supplies: Canada Foundry Co., Toronto, for 4, 6, and 8-inch Chapman valves; Doherty Mfg. Co., Sarnia, for 5-inch valves; Bingham & Taylor, Buffalo, for 7-inch valve boxes and extension pieces; Robt. Mitchell & Co., Montreal, for brass goods; A.W. Moore, St. Catharines, for four tons lead; Coy Bros. & Southcott, for 1,000 lbs. lead pipe, 2,000 ft. ½-inch galvanized iron pipe, 2,500 ft.

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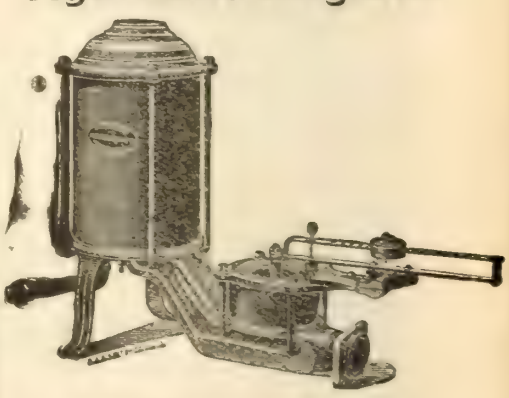

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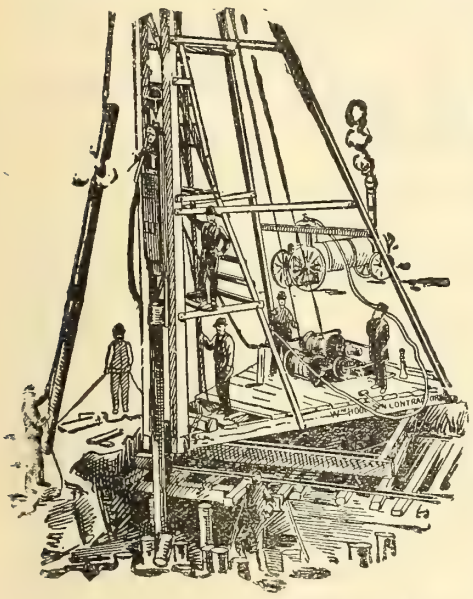

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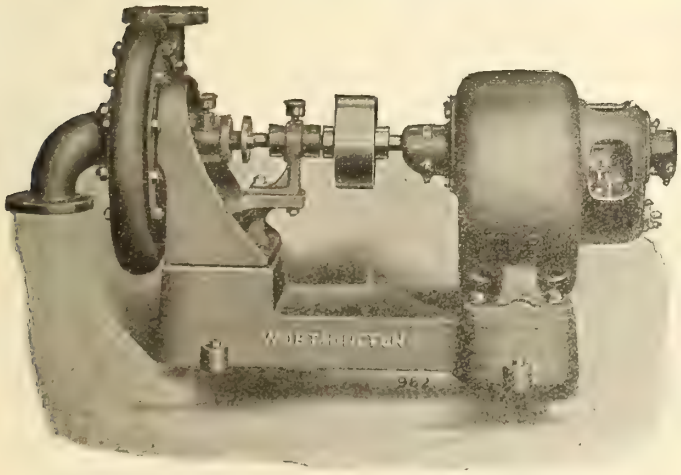

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OTTAWA, ONT.—J. P. Maclaren, architect, has let the contract for masonry and excavation of Erskine Presbyterian church to A. J. Garvock, cost about $10,000. — Tenders for supplies for the Board of Works and Waterworks Committee were received as below and the contract awarded in each case to the lowest tenderer: Lead pipe, Butterworth & Company, $1,361.98; Martel & Langelier, $1,354.22; McKinley & Northwood, $1,372.70; Blyth & Watt, $1,319.20. Castings—T. Lawson, $3.25 per hundred pounds; Alex. Fleck, $3.30; Chaudiere Foundry Company, $3.33. Hydrants and valves, Thomas Lawson, $5,370; Chaudiere Foundry & Machine Company, $5,640. Brass work, Butterworth & Co., $548.80; McKinley & Northwood, $552.60; Martel & Langelier, $544.95; Blyth & Watt, $565.05. Cast iron pipe, Alex. Fleck, $33 per net ton; Ottawa Fireproof Supply Co., $33.90. Lumber, Ottawa Lumber Company, $9,307.50; W. H. McAuliffe, $9,410. Curbing, Robillard & Son, $610; M. L. Carisse, $785. Hardware, R. Mulhall, $99 89; McKinley & Northwood, $150.20; W. Graham, $84.83; W. Charleson, $88.60; W. Strachan, $124.50; McDougal & Cuzner, $88.84; T. Shore, $67.78. Sand, H. Cumming, 90 cents per ton; P. Veuve, 80 cents. Cement, International Portland Cement Co., 49 cents per hundred pounds; Kirby & Co., 49 3-4 cents; Wright & Company, 56 cents; Canadian Agency & Supply Co., 51 5-6; Ottawa Fireproof Supply Co., 51 1-2 cents; Laberee & Co., 56 1-4 cents; Robillard & Son, 50 1-2; Bellhouse, Dillon & Company, 51 1-2. Stone, T. S. Kirby & Co, $27,125; Robillard & Son, $28,450; Wright & Co., $28,450. Tile pipe, Wright & Company, $5,939.40; Ottawa Fireproof Supply Co., $6,006.50.

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White veneer brick, per M. on car	14 00
Red pressed brick, per M on car	28 00 to 34 00
Dimension stone, per cubic ft.	30 c to 35 c
Common rubble, per cord, f.o.b. quarry	5 00
Select rubble, per cord	6 00
Rough shoddy, per cubic yard	1 50
Concrete Stone, per cubic yard	1 25
Grey Lime, per bushel at quarry	22 c
Grey Lime, per bushel delivered	22 c
White Lime, per bushel at quarry	32 c
White Lime, per bushel delivered	32 c
American hard wall plaster, per ton f.o.b.	16 00
Manitoba hard wall plaster, per ton f.o.b.	15 00
Ordinary hard wall plaster, per barrel	3 25
Pitch pine hard wall plaster, per barrel	4 50
Building papers, Anchor, plain	65 c
Building papers, Cyclone and Jubilee, plain	77½
Building papers, Anchor, tarred	70 c
Building papers, Cyclone and Jubilee, tarred	80 c
Building papers, Shield, tarred	65 c

Sewer Pipe, 3 in., 8½ c; 4 in., 10½ c; 6 in., 14½ c; 6 in., 16½ c; 8 in., 25 c; 9 in., 30 c; 10 in., 36 c; 12 in., 45 c; 15 in., 75 c; 18 in., $1.00; 20 in., $1 50; 24 in., $2 00.

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1 x 4, 6 and 8 Common	18.00	19.00
1 x 10 and 12 Common.	19 00	21.00
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1 inch mill run	20.00	21.00
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1 inch dead cull sidings.	12.00	13.00
1½ inch Flooring	26 00	27.00
Hemlock, 1 x 4 to 8 inch	14.50	15.50
2 x 4 to 10 inch, 12 to 16 feet	15.00	16.00
2 x 4 to 10 inch, 18 feet	16 00	17.00
1½ inch No. 1 4 ft. Pine Lath	3.00	3.50
1½ inch No. 2 4 ft. Lath	2.80	2.90
1½ inch No. 1 4 ft. Hemlock Lath		2 80
XXXX Pine Shingles	2.90	3.00
XXX Cedar Shingles	2.80	2.90
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XXX 6 butts to 2 inch		2.60
XXXX 6 to 23-16 inch		2.80
XXXXX 5 to 2 inch		3 15

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Ash, white, 1sts and 2nds, 1 to 2 inch	$33 00 to	$35.00
Ash, black, 1sts and 2nds, 1 to 1½ inch	27.00	29.00
Birch, M. R. 1 inch	22.00	24 00
" 1½ inch to 2	23.00	25.00
Basswood, Common and better, 1 to 1¼ inch	24 00	25 00
Basswood, 1½ to 2 inch	25.00	26.00
Elm, soft, mill run, 1 to 1½ in	24.00	25.00
Elm, rock, mill run, 1 to 1¼ in	24.00	26.00
Maple, common and better, 1 to 1½ inch	21.00	22.00
Oak, red plain, 1sts and 2nds, 2 to 4 inch	44.00	46.00
Oak, white, 1sts and 2nds, 1 to 1½ inch	42 00	44 00
Oak, quartered, 1sts and 2nds	70.00	80.00

SLATE.	Toronto.	Montreal
Roofing (per *square*).		
red	20 00	21 00
purple	9 00	10 00
unfading green	10 0	11 0
black	9 00	9 0
Terra Cotta Tile, per sq	23 00	25 0
Ornamental Black Slate Roofing		77 00

(Continued on page 13.)

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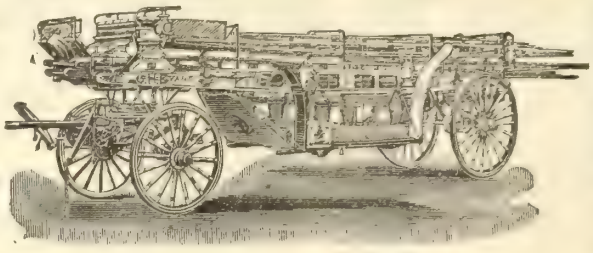

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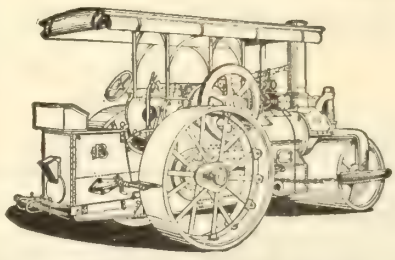

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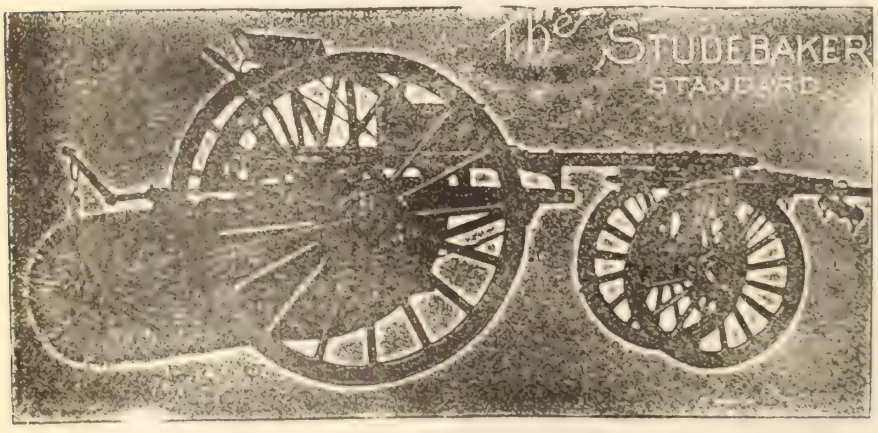

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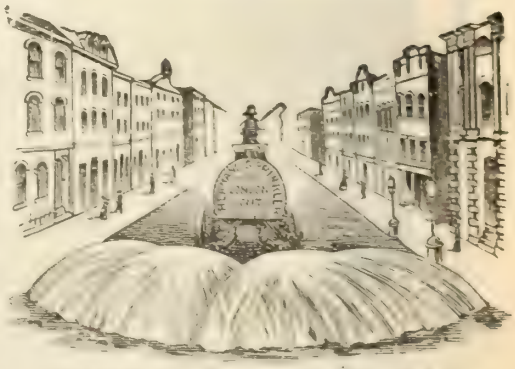

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Prices of Building Material

(Continued from page 12.)

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Common Stock Red and Grey Bricks.....
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	F.O.B. Milton, Ont.	F.O.B Montreal
Red No. 1		$18 00
" 2		16 00
" 3		14 00
Buff No. 1		20 00
" 2		18 50
Brown		25 50
Roman Red		30 50
" Buff		33 50
" Brown		40 50
Hard Building		12 00
" Sewers		12 00
" Backing		11 50

Please write to head office, Milton, Ont., for catalogue and prices.

TORONTO PRESSED BRICK AND TERRA COTTA WORKS

	F.O.B. Milton, Ont.
Red No. 1	13 00
" 2	15 50
" 3	9 00
Buff No. 1	15 00
" 2	13 00
Brown	25 00
Roman Red	30 00
" Buff	35 00
" Brown	40 00
Hard Building	8 00
" Sewer	7 50
" Backing	6 00

Moulded and Ornamental from $2.00 to $5.00 per 100'
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Red Peerless Facing	$16 00	$21 50
" No. 1	14 00	19 50
" No. 2	12 00	17 50
" No. 3	10 50	15 00
Brown Peerless Facing	20 00	25 50
" No. 1	18 00	23 50
Buff Peerless	20 00	25 50
" No. 1	18 00	23 50
" No. 2	15 00	20 50
Moulded and Ornamental Brick from $3 to $10 per C:		
Roman Red (Size 12 x 4 x 1½ in.)	30 00	35 50
" Buff " "	30 00	35 50
" Brown " "	34 00	39 50
Vitrified Paving Brick No. 1	18 00	23 50
" " " No. 2	15 00	20 50
Sewer	8 00	13 50
Roofing Tile	22 00	20 00

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(Continued on page 14)

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Prices of Building Material

(Continued from page 13)

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Common Rubble per cubic yd., delivered at building	13 50	11 00
Large flat Rubble, per cubic yd., delivered	14 00	18 00
Foundation Blocks, per c. ft.	4	50
Granite (Stanstead) Ashlar, 6 in. to 12 in., rise 9 in., per ft.		25
Amherst Red Sandstone Amherst, N.S., per cub. ft. on cars at quarry 40c . . at quarry		40
Sackville, N B, brown or red stone f. o. b. Quarries	45	45
ashlar	40	40
Myers-Northport Red or River Philip Gray Sandstones f.o.b. per cubic foot	75	65
Stanstead granite paving blocks, 8 in. to 12 in. x6 in. x4½ in. per M		50 00
Granite curbing stone, 6x 20 in. per lineal foot		70
Buctouche Olive Freestone	85	65
Olive Sandstone (Indiantown, N. B)	80	70
Brown Sandstone (Sackville, N. B.	80	70
Moat red sandstone, per cu. ft.		60
Black Pasture buff stone per cu. ft.		50
Hagersville Crushed Stone per ton	1 25	
Nova Scotia blue grey, per cu. ft.		65
Coursers, 6 to 8 in. f. o. b. St. Mary's. per cord		7 00
Footing, 6 to 10 in. per cubic ft.		15
Dimension Stone, f. o. b. St. Mary's, per cubic foot		35
Granite (Laurentian Pink) Ashlar, 6 to 12 in., rise 9 in., per c ft.		25
Dimension Stock Granite, (Laurentian Pink) for building purposes, per c. ft., f.o.b. quarries		40
Do., for polishing purposes, up to 2 tons weight, per cubic foot		70
	F.O.B. Halifax	
Dimension stock granite for building purposes, per cu. ft.		40
Do., for polishing purposes, up to 2 tons weight, per cubic ft.		1 00
Paving sets, per thousand block		60 00
CREDIT VALLEY STONE.	F.O.B. Quarries.	
Rubble, per ton		60
Brown Coursing, up to 10 per sup. yard		1 75
Brown dimension, per cub.		70
Grey coursing, per sup. yard		1 25
Grey dimension, per cub. ft.		40
ROMAN STONE.	F. O. B. Factory.	
6" x 3" Sills, tooled seated and throated 35c. per lineal foot		
Window Heads and Ashlar, 40c per square foot		
Window and Door Quoins tooled 40c. per superficial foot		
String Courses, Molded or Ornamental, 6" to 12" rise 50c to $1 50 per lineal foot		
Hollow wall tooled finish 14" thick 40c. per square foot		

LIME.	Toronto.
White Lime, per ton, Delivered	$8 00
Grey " " "	7 00

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(CARLOADS.)

	Toronto.		Montreal	
Canadian (Packages, 350 lbs. net.):				
Rathbun's Star	1 70	2 00	1 80	2 00
Trowel			1 85	1 95
Samson	1 75	1 85		
Magnet	1 55	1 65		
Monarch	1 80	1 90	1 90	2 00
Hercules	1 75	1 75		
Imperial		1 80		
Crescent 375 lbs. gross	2 30	2 40	1 95	2 05
Diamond 350 " "	2 20	2 30	1 85	1 95
"Giant" Brantford	1 75	2 00	2 00	2 50
American (in Bags)				
"Helderberg"			1 90	2 00
Alsen				2 25
Lehigh, in bbls., 375 lbs.		2 35	2 10	2 20
" cotton sacks, 350 net		2 00		2 00
" paper bags		2 10		1 85
"Iron Clad" in bags 350 lbs.			1 80	1 90
"Invicta" " " "			1 65	1 70
"Adirondack" " " "			1 50	1 65
Vulcanite (The Toronto Pottery Co., Limited Toronto) 350 lbs. per bbl.				
In paper bags		1 80		
" wooden bbls.		2 00		
" cotton bags		2 10		
English in Barrels):				
Brook's Shoobridge Anchor	2 35	2 40	2 00	2 10
Belgian (in Barrels):				
"Josson"	2 60	2 70	2 20	2 30
"North's Condor	2 05	2 10	2 25	2 30
"White Cross"	1 90	2 00	1 75	1 80
Hammer			1 80	1 90
White Star	2 15	2 25	1 90	2 00
Samson			1 80	1 90
German (in Barrels):				
Offenbacher				2 35
Alsen	2 65	2 95		2 40
Dyckerhoff	2 65	2 75		2 40
Hercules	2 25	2 35		2 15
Keene's Superfine "Whites"	10 00	12 00	8 50	9 00
Keene's Coarse "Whites"	6 50	7 00	4 50	5 00
Fire Bricks, Newcastle, per M	27 00	32 00	18 00	21 00
" Scotch "	28 00	33 00	19 00	23 00
Plaster Calcined N.B.		1 70		1 60

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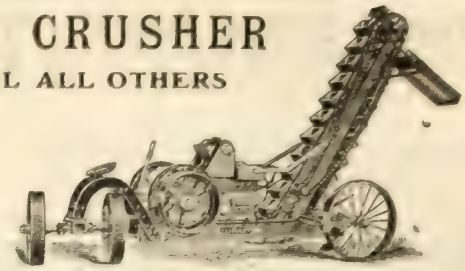

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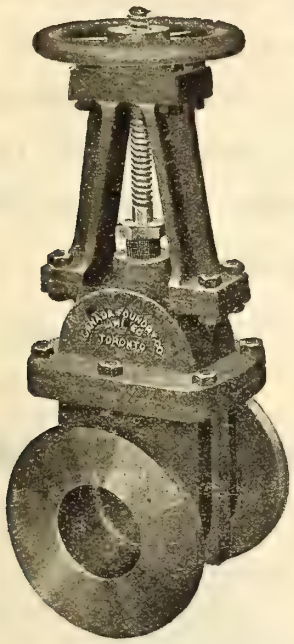

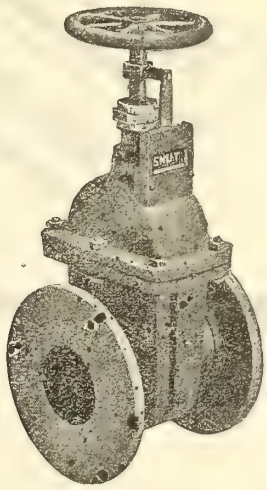

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District Offices: MONTREAL HALIFAX OTTAWA WINNIPEG CALGARY VANCOUVER ROSSLAND

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CAST IRON PIPE

Valve Boxes and general Water Works Supplies

Works at: LACHINE, QUE. THREE RIVERS, QUE. LONDONDERRY, N. S.

Combined daily capacity: 175 Tons Pipes and Castings.

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Manufacturers of

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CAST IRON PIPE

3 inches to 60 inches diameter.

For Water, Gas, Culvert and Sewer

HAMILTON, ONT.

RANSOME Concrete Mixers

Produce the Highest Grade of Concrete at High Speed with the Least Possible Expenditure for Labour, and will Handle Concrete or Cement Mortar with Equal Efficiency.

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RANSOME MIXER COMPLETE WITH ENGINE AND BOILER, ALSO SHOWING OUR SPECIAL HOISTING ATTACHMENT.

A Few Advantages:

RANSOME MIXERS have no Complicated Gearing or Mechanism of any kind
RANSOME MIXERS have no Moveable Parts within the Drum.
RANSOME MIXERS never Clog when Discharging.
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MONTREAL

CANADIAN

Contract Record

A Weekly Journal of Public Works, Tenders, Advance Information and Municipal Progress

This Paper Reaches Every Week the Town and City Clerks, Town and City Engineers, County Clerks and County Engineers, Purchasers of Municipal Debentures and Leading Contractors in All Lines Throughout Canada

VOL. 16. TORONTO, MONTREAL, WINNIPEG, APRIL 12, 1905 No. 9

THE CANADIAN CONTRACT RECORD

PUBLISHED EVERY WEDNESDAY

As an Intermediate Edition of the Canadian Architect and Builder.

THE C. H. MORTIMER PUBLISHING COMPANY

of Toronto, Limited.

Subscription Price, $2 per annum, payable in advance.

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WANTED

Responsible position with Builder and Contractor, by young man, 6 years' experience in trade, with a view to partnership. Box 73, CONTRACT RECORD, Toronto, Ont.

DEBENTURES FOR SALE

Tenders will be received by the undersigned until APRIL 14TH NEXT, for the purchase of $3,840 4½% Local Improvement Debentures of the Town of Durham, Ont.

WM. B. VOLLET, Clerk.

TENDERS

Will be received by the undersigned up to noon of the 22ND INST., for the Masonry, Cut Stone and Brick Work, and the Carpenter and Joiner's Works required in the erection of a Residence at Cobourg for Geo. T. Oliver, Esq.

Plans and specifications may be seen at Cobourg and Kingston. Lowest or any tender not necessarily accepted.

POWER & SON, Architects,
M. Bk. Chambers, Kingston.

Tenders Wanted

Sealed tenders addressed to the Chairman of the Public Works Committee, for the construction of about 40,000 superficial feet of concrete walk, 2,500 superficial feet of crossings, 4,000 lineal feet of concrete curbing, will be received at the office of the undersigned up to 4 p. m. on SATURDAY, APRIL 22nd, 1905.

Plans, specifications, form of application and instructions to bidders may be had on application to the office of Richard Smith, Town Engineer. Each tender must be accompanied by an accepted marked check or cash deposit for not less than 2½% of the estimated cost, which will be subject to forfeiture in the case of failure on the part of the contractor to enter into a written contract if called upon to do so.

The Town or Committee reserves the right to reject any or all tenders or to accept any bid that appears advantageous to the Town of Midland.

THOS. I. TRUEMAN, Town Clerk.

Midland, March 29th, 1905.

CITY OF EDMONTON, ALTA.

To Cement Contractors

Tenders will be received by the undersigned up to APRIL 24TH, for 2,000 Barrels of Portland Cement. Particulars will be supplied by the City Engineer.

G. J. KINNAIRD,
Secretary-Treasurer, Edmonton.

Edmonton, April 4th, 1905.

NOTICE TO CONTRACTORS

Sealed tenders, marked "Tenders for School Building, Rainy River," will be received by the undersigned up to 12 o'clock noon on MONDAY, APRIL 24th, 1905, for the erection of an eight-roomed school in the town of Rainy River, Ont. The whole contract will be awarded to one man, and no tender will be considered unless accompanied by a marked cheque for five (5) per cent. of the tendered price. The lowest or any tender not necessarily accepted.

Plans and specifications may be seen at the office of Charles H. Wheeler, Lombard street, Winnipeg, or at the office of

A. E. MARK,
Sec.-Treas. School Board,
Rainy River, Ont.

TOWN OF CALT

TO CONTRACTORS

Tenders will be received by the undersigned up to 6 p. m., MONDAY, MAY 1st, for the construction of about seven miles of Sewers and four miles of Storm Drains. Plans and specifications may be seen and forms of tender obtained at the office of the Engineer, Wm. Mahlon Davis, Berlin, or the Town Clerk, Town Hall, Galt, after SATURDAY, 15th INST.

The lowest tender not necessarily accepted.

J. McCARTNEY, Town Clerk.

City of Brandon

WATER WORKS

Sealed tenders, addressed to Mr. Geo. R. Coldwell, Chairman of the Water Works Committee, for the laying of the following approximate quantities of C. I. water pipe, will be received by Mr. J. B. Whitehead, City Clerk, until 12 o'clock, noon, on MONDAY, MAY, 1ST, 1905:

APPROXIMATE QUANTITIES.

1,500	lineal ft. of	12 in.	C. I.	pipe.
2,200	" "	10 in.	"	"
1,600	" "	8 in.	"	"
16,000	" "	6 in.	"	"

Including all hydrants, valves, and specials required for the extensions.

All of the material will be furnished by the City of Brandon.

An accepted cheque on a chartered Bank of Canada, or a cash deposit equal to 5% of the total amount of the tender, must accompany each tender.

The Council does not bind itself to accept the lowest or any tender.

Plans, specifications, form of tender, etc., may be seen or obtained at my office, City Hall, Brandon, Man.

W. H. SHILLINGLAW, City Engineer.

Brandon, Manitoba, Canada, April 5th, 1905.

OLD DOORS WANTED

I am open to buy a few walnut doors from old buildings being torn down. Please state sizes, prices, or telephone M. 2701. JAS. ROBERTSON, 10 Front St. E., Toronto.

TENDERS

For building Two Cement Abutments for Steel Superstructure, about 300 c. yds., will be received up to MAY 1st, by the undersigned Commissioners of Oxford and Waterloo, at whose places plans and specifications may be seen. Commissioners will meet at Trunck's Hotel on Monday, 1st of May, to award contract.

F. VICKERT, Princeton. FRED WALTERS, Bamberg.

TENDERS WANTED

Tenders will be received by the undersigned until noon 25TH APRIL, 1905, for the laying of about 55,000 square feet of Granolithic Sidewalk in the Town of Parry Sound. Lowest or any tender not necessarily accepted. Copies of specifications may be seen at Clerk's office.

E. E. ARMSTRONG, Town Clerk.

Tenders for Bridge

The Town of Rat Portage, Ont., invite tenders for the construction and erection of a steel foot bridge across the tracks of the Canadian Pacific Railway, on Julius Street, in the Town of Rat Portage.

Copies of plan and specifications may be obtained upon application to the undersigned.

D. H. CURRIE,
Clerk.

CITY OF EDMONTON, ALTA.

To Sewer Contractors

Tenders are required not later than MONDAY, 24TH, INST., for about 5,000 feet of sewering on Saskatchewan Ave. Forms of tender and particulars will be sent on application to G.H. Hargreaves, City Engineer. Sealed tenders to be addressed

G. J. KINNAIRD,
Secretary-Treasurer, Edmonton.

Town of Berlin

TO CONTRACTORS

Tenders will be received by the undersigned up to 6 p. m., TUESDAY, 25th APRIL, for the grading of about 14 acres of Sewage Filter Beds, the Laying of Force Main, Sewage Carriers and Effluent Chains, and the Construction of Distributing Chambers, Valve Chambers, Etc.

Plans and specifications may be seen at the office of the Engineers, Davis & Johnston, Economical Block, Berlin, on and after the 10th inst. The lowest tender not necessarily accepted.

J. F. HONSBERGER, M.D
Chairman Bd. of Sewerage Commissioners.

[FOR ADDITIONAL ADVERTISEMENTS FOR TENDERS SEE NEXT PAGE.]

TENDERS

will be received until 5 p.m. on MONDAY, APRIL 17, for the erection of a RESIDENCE on PARK ROAD, Toronto.

GORDON & HELLIWELL,
Architects,
Confederation Life Bldg.

TENDERS

Will be received up till noon, 20TH INSTANT, for all the various trades required for a Brick and Stone Building for the Canadian Bank of Commerce, Spadina and College, Toronto.

Plans and specifications may be seen at the office of MESSRS. DARLING & PEARSON, Architects, 2 Leader Lane, Toronto. The lowest or any tender not necessarily accepted.

TENDERS

Will be received until WEDNESDAY, THE 19th INST., for the whole work or the several trades required in the erection of St. Andrew's Presbyterian Church, Burk's Falls, Ont. The lowest or any tender not necessarily accepted.

WALTER SHARPE, Secretary, Burk's Falls.
GREGG & GREGG, Architects,
96 King Street West, Toronto.

TENDERS

For supply of from 400 to 600 Barrels of

PORTLAND CEMENT

Sealed tenders, addressed to Mayor G. M. Farrington, for the supply of from 400 to 600 barrels of cement, will be received up to 6 o'clock, p. m. on MONDAY, MAY 1st, 1905.

Cement to be used for sidewalk construction. Price to be quoted f. o. b. Picton, car or boat.

The lowest or any tender not necessarily accepted.

R. A. NORMAN, Town Clerk.
Town Clerk's Office, Picton, April 10, 1905.

TOWN OF PORT ARTHUR

TENDERS

Sealed tenders, addressed to the Chairman of the Electric Railway and Light Commissioners, will be received at the office of the undersigned up to 12 o'clock, noon, of FRIDAY, MAY 5TH, 1905, for the purchase of the following Electrical Machinery:

One (1) 150 H. P. Wheelock Compound Condensing Engine.

One (1) 80 H. P. Boiler, Shafting, Pulleys and Belting.

One (1) 500 Volt 45 K.W. Railway Generator.

One (1) 60 K.W. 2000 Volt 125 Cycle Alternator.

With all necessary switch-board and attachments.

All of which can be inspected at the power house at Current River, Port Arthur.

Tenders will be received in whole or in part.

Tenders to be marked "Tenders for Electrical Machinery."

The lowest or any tender not necessarily accepted.

J. McTEIGUE,
Secretary Electric Railway and Light Commissioners.

Corporation Offices, Port Arthur, Ont., March 28, 1905.

CONTRACTS OPEN.

CAMBRAY, ONT.—A residence will be built by William Routley.

NORTH BAY, ONT.—Mr. Ferguson intends building a new block.

WALKERTON, ONT.—Henry Spitzig intends building a new residence.

PEMBROKE, ONT.—A. & P. White purpose enlarging their saw mills.

BRANDON, MAN.—John Hanbury intends building several dwellings.

PORT HOPE, ONT.—A. George purposes building two houses on Pine street.

TEESWATER, ONT.—A two-storey building will be erected by Alex. McLeod.

EDMONTON, N.W.T.—Tenders will be invited immediately for sewer extensions.

ROSTHERN, N.W.T.—A $4,000 addition to the public school is under consideration.

MONCTON, N.B.—B. E. Smith has decided to build a brick block with about 50 feet frontage.

TILSONBURG, ONT.—The Misses Nicholson will erect a residence on Ridout street.

LEAMINGTON, ONT. — Arthur Brown will build a $4,000 residence on Erie street.

SHOAL LAKE, MAN.—A committee has been appointed to select a site for a new school.

MOOSE JAW, N.W.T.—The Bank of Hamilton have had plans prepared for a new building.

KAMLOOPS, B.C.—It is proposed to submit a by-law to the ratepayers to raise $3,500 for new fire hall.

THAMESVILLE, ONT.—B. Tiffin desires tenders by the 20th inst. for erection of brick residence.

PRINCE ALBERT, N.W.T.—S. McLeod desires tenders by 22nd inst. for erection of brick block.

HARROW, ONT.—Chas. Richardson & Sons want tenders for building brick store and residence 40×75 feet.

GRANBY, QUE.—The W. C. T. U. are taking steps to build and equip a cottage hospital, at cost of $7,000.

NELSON, B.C.—The by-law to raise $40,000 for new school was again defeated by the ratepayers last week.

GRAND VIEW, MAN.—John S. Kinnee has purchased a lot on Main street on which to build a block.

GOLDEN, B.C.—The Golden Light, Power & Water Co. has been incorporated by the Provincial Legislature.

SASKATOON, N.W.T.—A movement has been commenced to secure waterworks and sewerage systems.

BOBCAYGEON, ONT.—The Council are obtaining information regarding the lighting of the village by electricity.

WROXETER, ONT.—The ratepayers will vote on a by-law April 18 to raise $3,300 for building a municipal hall.

ESSEX, ONT.—A by-law granting a $5,000 bonus to the Essex Canning & Preserving Co. was carried last week.

OTTAWA EAST, ONT.—A public meeting will be held on the 20th inst. to discuss the building of a $10,000 school.

NORTH VANCOUVER, B.C.—The ratepayers have endorsed a proposal to borrow $50,000 for road improvements.

SACKVILLE, N.B.—James Smith, manager Standard Manufacturing Co., purposes building a large residence.

THOROLD, ONT.—R. E. Speakman, C.E., of St. Catharines, is preparing plans for proposed waterworks system here.

STRATHCONA, N.W.T.—Mr. Callaghan has purchased the Commercial Hotel and intends erecting a new building.

FERNIE, B.C.—The Coal Co. have determined upon building a reservoir with a capacity of 300,000 gallons of water.

ALMONTE, ONT.—J. W. Wylie will recevie tenders up to 13th inst. for erection of Sabbath School for St. Andrew's church.

PORTAGE LA PRAIRIE, MAN.—A by-law to borrow $10,000 to improve Crescent Lake was carried by a large majority.

MORRIS, MAN.—D. M. Ure, Secretary-Treasurer, desires bids by 8th inst. for grading. About $6,000 is to be expended.

NORTH TORONTO, ONT.—E. C. Brown has commenced the erection of new store and residence on east side of Yong street.

HENTSPORT, N.S. — George D. Comstock, Town Clerk, desires tenders by 15th inst. for construction of waterworks system.

SUSSEX, N.B.—The Department of Militia and Defence, Ottawa, desires tenders by 20th inst. for construction of rifle range here.

CENTREVILLE, ONT.—Tenders invited by John Hinch, Township Clerk, up to 22nd inst. for erection of town hall.

NEW GLASGOW, N.S.—Plans are being prepared by the Public Works Department, Ottawa, for new post office to be built here.

GLACE BAY, N.S.—Principal Brodie, of the Central school, has been instructed to secure plans for a new eight-room school building.

NAPANEE, ONT. — The County Council have appointed a committee to report on a heating system for the County Buildings.

AMHERSTBURG, ONT.—The congregation of St. Andrews church have appointed a committee to secure funds for new building.

ARDEN, MAN.—M. E. Boughton wants tenders by 25th inst. for construction of the Jumping Deer drain, estimated at 37,000 cubic yards.

STRATFORD, ONT.—Orr & Russell, architects, have prepared plans for a frame residence on Hibernia street for Mrs. Brock, of Harmony.

VIRDEN, MAN.—The ratepayers will vote on a by-law April 17th to raise $25,000 by debentures for purchase of site and erection of new school.

RAINY RIVER, ONT.—Tenders for erection of new school building will be received up to 15th inst. Plans by C. H. Wheeler, architect, Winnipeg.

NINGA, MAN.—The Ninga Milling Co. will commence to build immediately. —Building on the new Episcopal church will be commenced this month.

DUNDALK, ONT.—L. C. Wideman, architect, of Guelph, is preparing plans for a public school building here. Tenders will shortly be asked for.

LITTLE CURRENT, ONT.—The Manitoulin & Iron Range Railway Co. will construct a railway from a point in Township of Hutton to Lake Huron.

NEWMARKET, ONT.—Residences will be built by E. Richardson, George Thompson, Alfred Brillenger, Joseph Wesley, J. A. Collins and J. Waldon.

NEEPAWA, MAN. — The work of building the Opera House block will be commenced at once.—John Forsyth, of Glendale, will build a residence here.

CRANBROOK, B.C.—F. C. Malpas desires tenders by the 14th inst. for construction of brick and stone bank building for the Canadian Bank of Commerce.

CHARLOTTETOWN, P.E.I.—The congregation of St. Pauls Episcopal church are calling for tenders for erection of a Sunday school building 34×52 feet.

GALT, ONT.—W. M. Davis, C. E., has submitted to the City Council plans for 35,217 feet of sewers and 26,444 feet of storm drains to be construced this year.

KEEWATIN, ONT.—W. J. Craig, of the Rat Portage Lumber Co., intends building a residence on Ottawa street. William Horn will build a residence on same street.

OWEN SOUND, ONT. — The Merchants Bank of Canada are negotiating for the property on corner of Poulett and Baker streets with the object of erecting a bank building.

INGERSOLL, ONT.—The Finance Committee have been asked by the City Council to obtain estimates of the cost of a main trunk sewer and report at the first meeting in July.

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DIVING APPARATUS

The greatest consideration in Submarine Equipment is Quality.

"Morse" Outfits hold a reputation of 67 years standing as standard in this respect.

All Varieties are Fully Warranted

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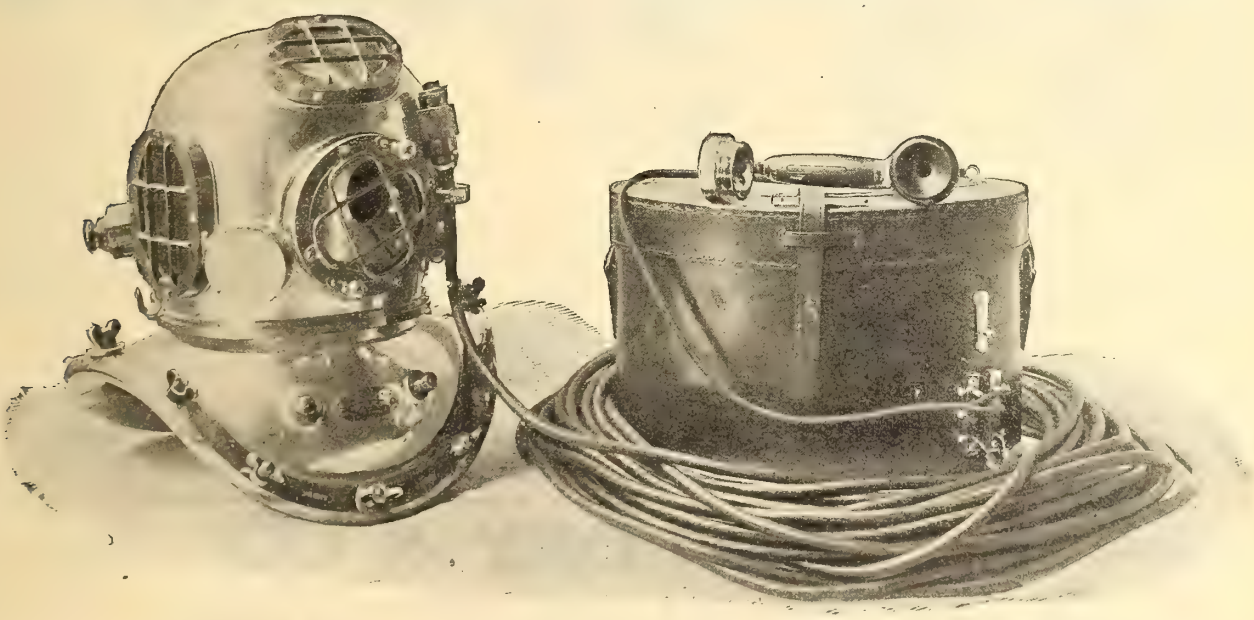

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Catalogues on Application

W. H. C. MUSSEN & CO.

MONTREAL

MEDICINE HAT, N.W.T. — John Galt, C.E., of Toronto, has submitted complete plans of proposed sewerage system and a public meeting will be held shortly to consider them.

CHATHAM, ONT.—J. L. Wilson & Son, architects, have prepared plans for a Presbyterian church at Delmer and for Methodist churches at Goderich, Leamington and Corinth.

BERLIN, ONT.—Among the buildings to be erected this year are a large addition to the factory of the Lang Tanning Co. and a one-storey warehouse for the Berlin Felt Boot Co.

MONCTON, N.B.—Dr. R. L. Botsford has purchased a site about three miles from this town and will have plans prepared at once for private sanitarium for treatment of consumptives.

COLLINGWOOD, ONT.—The Property Committee have been empowered to obtain information with the object of erecting a new Collegiate Institute and a public school in the West Ward.

CLINTON, ONT.—A by-law to grant a loan of $6,000 to the Clinton Knitting Co. will be submitted to the ratepayers May 1st. The company agree to erect a brick or cement factory 90 x 45 feet.

TAVISTOCK, ONT.—Mr. Schlermer intends building a residence on William street. R. Krug will build on Woodstock street.—George Faulhafer intends building a new house.

WOODSTOCK, ONT.—The Cyclone Wire Fence Co., of Toronto, have been given a free site in this city and will erect a factory.—The Ann Arbor Machine Co. have secured a site from the C. P. R. for a factory.

MEAFORD, ONT.—Thomas Kennedy, architect, Barrie, has been instructed to prepare plans for a combination agriculture, hockey and curling rink building, similar to those erected in Barrie by him.

HALIFAX, N.S.—A bill has been given its third reading in the Provincial Legislature granting a subsidy of $5,000 a mile to the Cape Breton Railway Co. for construction of railway from St. Peter to Louisburg.

LAKEFIELD, ONT.—A by-law will be voted on this week guaranteeing $15,000 worth of bonds of the Lakefield Furniture & Manufacturing Co. The company agree to erect a building and install machinery costing $15,000.

FORT WILLIAM, ONT.—J. F. McGregor, of Brandon, and A. E. Hitchcock, of London, England, have purchased a portion of the J. G. King property on corner of Victoria ave. and May street and will likely build thereon.

FREDERICTON, N.B.—George D. Bayles, president of the Bayles Pulp & Paper Co., Binghampton, N.Y., has secured an option on the William Richards Company's timber lands, and if acquired will build large pulp and paper mills.

REGINA, N.W.T.—Mayor Laird will erect a $7,000 residence this summer.—Excavation work commenced last week on the new Knox church.—On April 27th the ratepayers will vote on a by-law to raise $160,000 to complete the waterworks system.

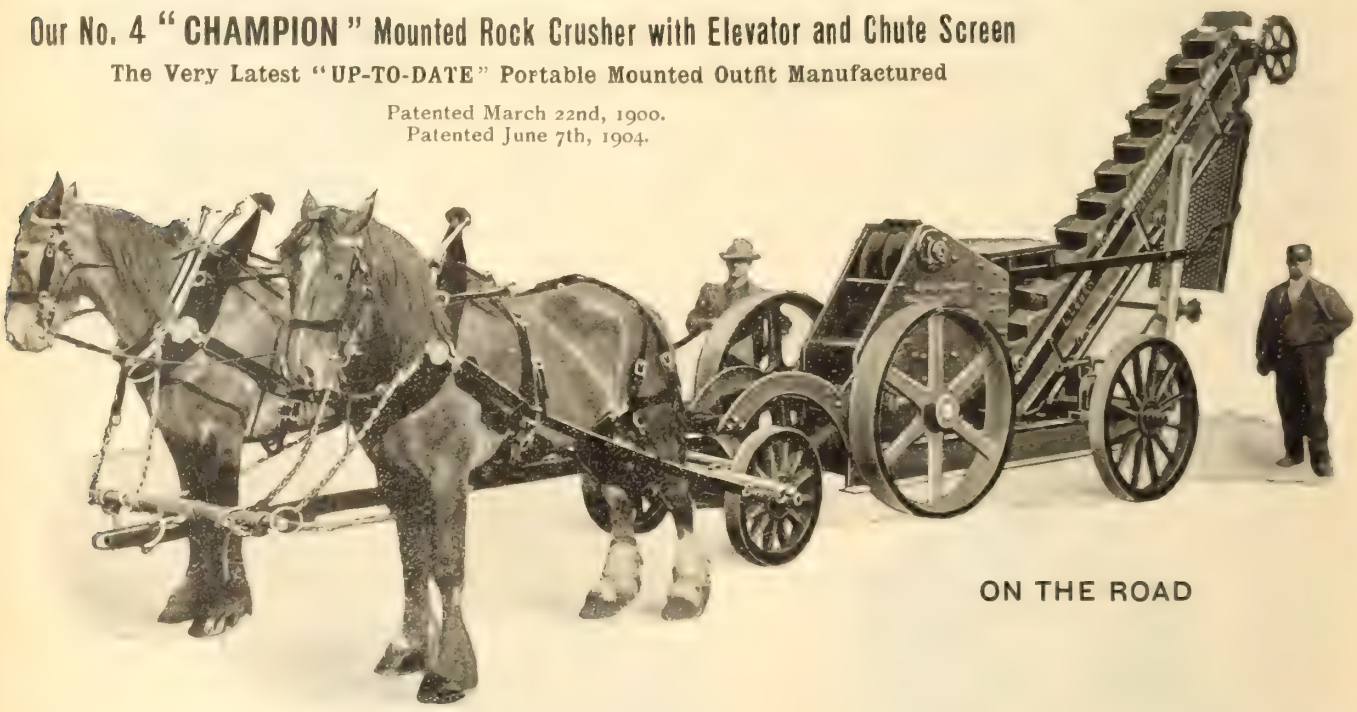
RIDING MOUNTAIN, MAN.—F. A. Stark and Harry Swain will each build a residence.

THE GOOD ROADS MACHINERY COMPANY, LIMITED, Hamilton, Canada

Our No. 4 "CHAMPION" Mounted Rock Crusher with Elevator and Chute Screen

The Very Latest "UP-TO-DATE" Portable Mounted Outfit Manufactured

Patented March 22nd, 1900.
Patented June 7th, 1904.



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The Steel "CHAMPION" Rock Crusher is the result of years of practical experience in crushing Rock from the limestone Ridges to the very hardest Syenite Rock. For crushing hard Boulders they have been proved to be superior to all competitors.

All mechanics agree that the simpler the machine the more valuable it is. In complicated machines look out for trouble and expense.

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We manufacture every class of Hoisting Derricks both for Hand or Power. Write for our price list of Standard Builders' and Contractors' Derricks, 1500 pounds to 7 tons capacity.

MILLER BROS. & TOMS
MONTREAL

DAUPHIN, MAN. — By-laws to raise $25,000 for installing an electric light plant and $10,000 for completing the town hall will be voted on April 18th.

VICTORIA, B.C.—Notice has been given of cement pavement to be constructed on several streets.—It is reported that the plans for the superstructure of the C. P. R. Hotel on James Bay will be changed and pressed brick used instead of stone.

WESTMOUNT, QUE.—Ross & Holgate, of Montreal, have been engaged to design the electric light plant to be installed by the municipality.—A by-law will be introduced at the next meeting of Council to raise $750,000 for the establishment of municipal water system.

PARRY SOUND, ONT. — E. E. Armstrong, Town Clerk, wants bids by 25th inst. for construction of 55,000 square feet of granolithic sidewalk.—The Electric Light Committee will ask the Town Council to issue $15,000 of debentures for improvements to the electric light plant.

BRANTFORD, ONT.—John Milton has had plans prepared for alterations and improvements to the Prince of Wales Hotel. — The Toronto, Hamilton & Buffalo Railway are acquiring additional property with a view to enlarging their yards and freight accommodation.

GLENORA, ONT.—K. L. Aitken, E. E., of Toronto, has been retained by H. C. Kennedy, of Wiarton, and other capitalists to report upon the utilization of the water power of the famous Lake-of-the Mountains at this point for the generation of electric energy. The available head is 180 feet and it is proposed to transmit power to towns within a radius of 15 or 20 miles.

BROCKVILLE, ONT. — The St. Lawrence Engine Co. has been organized by W. H. Comstock, R. H. Smart and others. A factory will be built on the river front. — C. Harris, engineer in charge of surveys for the extension of the Brockville, Wesport and Northern Railway, states that a preliminary line has been surveyed between Westport and French River, about 250 miles.—W. H. Osborne, Chairman Board of Works, desires tenders by 20th inst. for supply of Portland cement, lumber, and cut steel wire spikes.

ST. JOHN, N.B.—The Y. M. C. A. building fund is now over $57,000, and as soon as $3,000 more is obtained the new building will be proceeded with. Frank White and George E. Barbour are members of the committee.—Plans have been prepared for remodelling the Alliance and Bostwick buildings, corner Prince William street and Market Square, which have been acquired by the Canada Permanent Loan & Mortgage Corporation.

LONDON, ONT.—It is rumored that Toronto capitalists intend building a $250,000 hotel here.—The City Council will apply to the Legislature for permission to issue $10,000 of debentures for erection of fire halls without taking a vote of the ratepayers.—It is learned that the proposed abattoir company have bonded property 681 × 169 feet, lying between Bridges street and the old main line of the G. T. R., near the city limits, where they propose establishing their plant.—McGaw & Winnett propose making extensive improvements to the Tecumseh House at a cost of upwards of $40,000. A new electric elevator will be installed, also tile floors, grill room, roof garden, etc.

PETERBORO, ONT. — The congregation of St. Johns church have not yet agreed upon a site for new rectory.—Mrs. A. R. Campbell intends building a residence on Stewart street.—Major William Langford is building a brick residence on Water street.—Steps may be taken in the near future to build a new church for St. Andrews' Presbyterian congregation, of which Rev. J. A. Wilson is pastor.—The time for receiving tenders for new building for Peterboro Lock Manufacturing Co. has been extended to 15th inst. — John Corkery, Secretary Separate School Board, is asking for tenders by 18th inst. for erection of

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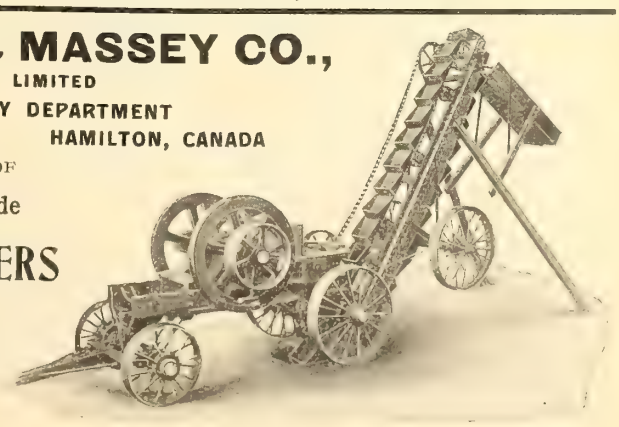

Separate school. Plans at office of E. W. Argus, architect.

PORT ARTHUR, ONT.—It is expected that the Canadian Bank of Commerce building here will be proceeded with at once.—M. B. Aylsworth, architect, has prepared plans for a residence for James Gowanlock, to be built on the high bank of the Kaministiqia river a few miles above the town, and another for Dr. Caldwell a little farther out.—F. Gelinas, Secretary Department Public Works, Ottawa, is asking for tenders up to 14th inst. for dredging certain portions of the harbor at this place and channels leading thereto to a depth of 22 feet of water in Lake Simcoe, also for dredging certain portions of the Kaministiqui river and the channel in Thunder Bay to the same depth. Plans at the above department.—Tenders are invited up to 17th inst. for erection of brick and stone building for the Canadian Bank of Commerce. Plans at office of M. B. Aylsworth.

MONTREAL, QUE. — A. Mesnard, architect, has completed plans for a new presbytery for St. James church, corner St. Catherine and St. Denis streets, to be of grey stone, cost $40,000.—The first steps have been taken by C. W. Lindsay, Limited, towards the erection of a large music hall in this city, to cost about $300,000.—The Fire and Light Committee will recommend that an expert be engaged to prepare plans and estimates for establishing a municipal gas plant. —W. Robb, City Treasurer, will receive bids up to 14th inst. for $300,000 4 per cent. city bonds.—Lord Strathcona made the announcement last week that a nurses' home would be built at the Royal Victoria hospital, to accommodate 100 persons.—La Patrie Publishing Co. have purchased a lot at corner of St. Catherine street and City Hall ave. and will erect a six-storey office building, to cost about $100,000.—The report of the Building Inspector for the month of March shows that 81 permits were issued for buildings valued at $370,450. The building outlook in this city is the best in years.

HAMILTON, ONT.—Burrows, Stewart & Milne intend enlarging their foundry by extending the moulding shop and the four-storey warehouse on Hughson street; estimated cost, $15,000.—Fuller Clafin, a New York architect, is in the city preparing plans for the Grand Opera House improvements. — The Hospital Governors have approved of the plans for a new $50,000 wing and will ask the Council to advertise for tenders. —Recent building permits:—Canadian Drawn Steel Co., factory in the annex, cost $16,000; James S. Pinch, two brick dwellings, Main street, cost $4,600; H. S. Brennen, two brick dwellings, Erie ave., cost $5,000; Mrs. Sharpe, brick dwelling, Catharine street, cost $2,000; J. Andrews, brick dwelling, Tom street, cost $1,700; R. & J. Poag, five brick dwellings, corner Park and Sheaffe streets, cost $9,000.—E. G. Willard intends erecting six residences.—Munro & Mead, architects, are preparing plans for residences for Messrs. Gibson, Calder, and Henry, at Grimsby, and A. W. Parrish, manager of the Western Bank, Caledonia.

VANCOUVER, B.C.—The provincial estimates contain an appropriation of $1,000 for competitive designs for a new court house in this city.—W. T. Whiteway, architect, is preparing plans for a six-storey brick and stone warehouse to be built on Water street for Robert Kelly and Frank Burnett, sr.; cement and concrete basement, elevators, cost $25,000.—Mr. Houghton, architect, of Seattle, has completed plans for the new hotel and theatre building to be built at corner of Hastings and Abbott streets by Loo Gee Wing, to be three stories and basement. —Parr & Fee, architects, have prepared plans for remodelling the Telephone block at corner of Hastings and Seymour sts. for Julius A. Brown, of Los Angeles.—The following building permits were recently issued: Mrs. A. McDonald, residence, Fairview, $2,000; B. David son, two houses, Broughton street, $6,000; Mrs. E. G. Macgowan, residence, Greer's Beach, $4,000; G. Fortin, residence, Burrard st., $2,200; S. Yuen, Yuen Chong and Lung Kee, brick building Carrall st., $19,000; A. Tuson, house on Second avenue, $1500.—Grant & Henderson, architects, have taken tenders or erection of a new hospital.

OTTAWA, ONT.—J. R. Booth has under consideration plans for the erection of a large paper mill.—A comprehensive plan for the conversion and development of water power at the Chaudiere has been prepared by John and William Kennedy, hydraulic experts, Montreal. The work involves the construction of a dam above the Chaudiere falls.—Recent building permits include the following: J. & L. Skelly, brick veneer dwelling, King street, cost $3,500; J. Grierson, brick dwelling, Maple street, cost $3,500; Mrs. A. E. McVeity, brick bakery, Laurier ave., cost $5,000; Napoleon Lepage, brick dwelling, St. Patrick street, cost $3,400, also similar dwelling Frank street, cost $4,300; J. & C. Low, six dwellings, Laurier ave., cost $9,600; E. Wallace, tenement dwelling, Elgin street, cost $11,000; T. D. McFarlane, brick factory, Slater street, cost $5,000.—W. H. A. Fraser, 74 Nepean street, desires tenders by May 1st for erection of a shooting lodge in the township of Waltham. Plans at offices of Johnston & Gardiner, Pembroke, and Fraser & Patterson, Westmeath.—Public school trustees have decided to acquire sites at once for new schools to be built in Central and Dalhousie Wards.

WINNIPEG, MAN.—The plans for the French Catholic church to be erected on McDermott street have not yet been prepared, but the school and parsonage will be proceeded with at once.—The congregation of Dufferin ave. Presbyterian church have adopted plans for a new church to be built immediately. The Baptists are negotiating for a site on which to build a new church, and the Methodists have purchased a building site on Elgin ave.—John Leslie, furniture dealer, has acquired the lot in rear of his Main street establishment and will erect a six-storey brick warehouse 50x120 feet. —The old Kastner Block on Notre Dame ave., recently purchased by John McDonald, is to be remodelled and made into a five-storey hotel.—V. W. Horwood, architect, is this week taking tenders on a brick block for the Moore Printing Co. —The Knights of Pythias have plans under consideration for the erection of a new hall to cost about $50,000. The site has not yet been decided upon.—G. A. Muttlebury and J. S. Aikens intend erecting a brick block on south-east corner of River ave. and Osborne street.—George Wright & Co. will spend about $40,000 in enlarging and improving the Brunswick Hotel. A large addition will be built at the rear and one storey added to the old structure.—J. B. Mitchell, inspector of buildings, has prepared plans for a new school to be erected on Ellice ave. and tenders will be invited immediately upon the passing of the school debenture by-law.—The block projected by J. A. M. Aikins, K.C, for corner of Portage ave. and Donald street, will be proceeded with this year. It will be 132x130 feet, six stories, containing stores, offices, apartments and bachelors' rooms. —S. F. & W. A. Peters, architects, have taken tenders on brick residence, corner Osborne and Proud streets, for Dr. J. A. Devine. It is proposed to purchase new pipe organ for Knox church.—John Schwab, architect, has taken tenders on brick and stone church on Dufferin ave. for Lutheran Trinity congregation. —J. H. G. Russell, architect, is taking tenders on a warehouse, corner Charlotte and Bannatyne street, for the Hudson Bay Knitting Co. Same architect has just taken tenders on a brick veneered residence on Stradbrooke place for James A. Elliott, and on two storey business block for W. J. Hammond.—James Chisholm, architect, is this week taking tenders on a storage warehouse on Portage ave. for John Gale & Co.—Hooper & Walker, architects, want tenders for new church for parish of St. Charles, to cost about $15,000.—Mr. Warren, architect of New York, has been in the city inspecting the site for the proposed Canadian Northern Railway depot and hotel, with a view to preparing the plans. —The City Council will ask the Provincial Legislature to submit a by-law to the ratepayers to raise $75,000 for erection of an iron bridge across the Red river at Pembina street.—The City Council propose to construct an asphalt pavement on Wellington crescent, from Bridge to Mitchell streets, cost $21,875, and on Park road, from Wellington crescent to Ruskin Row, cost $5,000.—A. & W. Melville, architects, are asking for tenders up to 15th inst. for erection of brick residence on Hargreaves sereet.—The City Council have decided to submit a by law to the ratepayers to provide funds for a high pressure waterworks system, to cost $380,000.—Plans of brick and stone building to be built at Port Arthur, Ont., for the Canadian Bank of Commerce, may be seen at the office of Darling, Pearson & Over, this city.

TORONTO, ONT.—J. W. Leonard, construction manager for the C. P. R., will receive tenders up to Monday, 24th inst., for clearing, grading, masonry, timber, bridges, fencing, track-laying, ballasting, etc., on the Toronto-Sudbury branch from Bolton to Parry Sound. Plans at 112-118 King street west.—The Bank of Hamilton have acquired the property at north-east corner of Yonge and Gould street and will remodel the building.—The Gasoline Engine Co., of Toronto Junction, have purchased a large block of land on east side of Dufferin street, just north of the railway tracks, and will erect extensive buildings.—The Board of Control are asking for tenders up to Tuesday, 18th inst, for repairs to tar macadam pavement, also for annual

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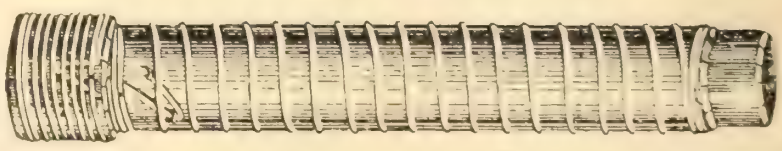

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supply of paving brick and rubble stone. —The City Engineer has submitted to the Board of Control the plans and specifications for the proposed tunnel under the bay from the Island to the City, and tenders will be invited at an early date.—The Gunther property, situated on the w. s. of Poplar Plains road, between Dupont street and St. Clair ave., has been placed on the market by F. J. Smith & Co., estate and financial agents, 16 Adelaide street east. Several large lots have changed hands within the past two or three weeks and handsome detached residences will be built thereon this spring by H. H. Beck, of Winnipeg, F. C. Annesley, James Milne, E. A. Macdougall, W. C. Jephcott and others. The restrictions against the land provide that each building must cost at least $4,000.—The Bank of Toronto have purchased 205-205½ Yonge street from the Macpherson estate, R. Greenwood, of Adelaide street, acting as agent. It is probable that a branch bank will be built on the site.—A Buffalo capitalist has purchased the property at 55 Bay street, having a frontage of 31 feet, and intends building a four storey warehouse to cost $50,000. F. H. Robins negotiated the deal.—Tenders are wanted at 9 Baldwin street for erection of three roughcast and brick veneer dwellings on West Lodge ave.--The following building permits have been granted: J. A. Orr, pair two-storey and attic brick dwellings, w.s. Beatrice street, near College, cost $4,000; Devitt & Holt, three pair two-story and attic stone and brick dwellings, 607 to 617 Markham street, cost $12,000; G. R. Chapman, two-storey and attic brick and stone dwelling, east side Rusholme road, near Hepbourne street, cost $2,500; A. E. Huestis, two-storey brick dwelling, west side Huntley street, cost $3,500; Wm. Walker and J. W. Bengough, pair two-storey and attic stone and brick dwellings, west side Palmerston boulevard, near Ulster street, cost $8,000; Fred W. Cox, three pair two-storey roughcast dwellings, brick fronts, Audley street, near Brighton ave., cost $6,000; J. A. Willis, two-storey and attic brick and stone dwelling, north side Simpson ave., near Broadview, cost $2,400; V. L. Scott, one-storey stone and brick waiting room for rink, east side Dovercourt road, near Shannon street, cost $3,000; Wm. Clark, two-storey and attic brick dwelling and stable, east side Avenue road, near Farnham ave., cost $5,000; J. H. Aberdeen, pair two-storey stone and brick dwellings, north side College street, near Gladstone ave., cost $4,400; Mrs. Scott, two-storey brick and stone store and dwelling, southwest corner Bloor and Shaw streets, cost $3,000; Walter Colwell, pair two-storey and attic stone and brick dwellings, east side Deleware ave., near Bloor street, cost $4,500; H. A. Bricknell, two-storey and attic brick dwelling, south side Wright ave., near Sorauren, cost $2,500; B. C. Greenman, two-storey brick store, 486 Yonge street, cost $3,000; Harvey F. Scythes, three three-storey stone and brick stores and dwellings, east side Avenue road, near Cottingham street, cost $10,000; S. Young, three 2½ storey brick dwellings, north side Cumberland street, near Bellair street, cost $4,000; H. Hutson, two-storey brick and stone residence, 248 St. George street, cost $6,000; D. Schawlm, three pair 2½ storey stone and brick dwellings, east side Concord ave., near Dewson street, cost $12,000; Jos. Calhorn, three two-storey stone and brick dwellings, east side Bathurst street, near Wells street, cost $3,500; Reinhardt & Co., five 2½ storey brick and stone dwellings, north-east corner River and Mark streets, cost $10,000; R. H. Harman & Son, pair two-storey and attic brick and stone dwellings, north side Dupont street, near Huron, cost $6,000; C. H. C. Wright, two-storey and attic brick dwelling, 421 Markham street, cost $4,500; John Hambleton, pair 2½ storey brick dwellings, Dovercourt road, near Bloor, cost $6,000.

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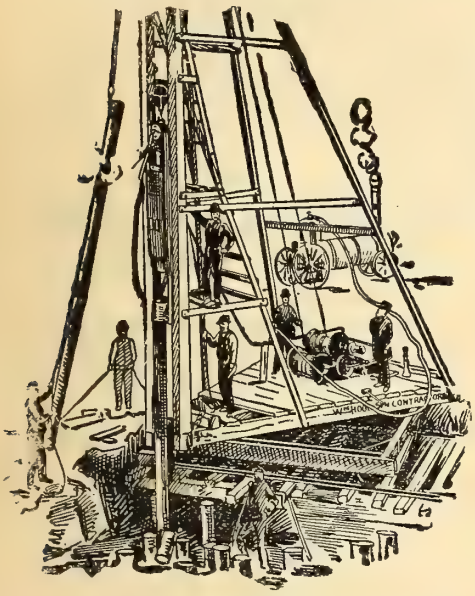

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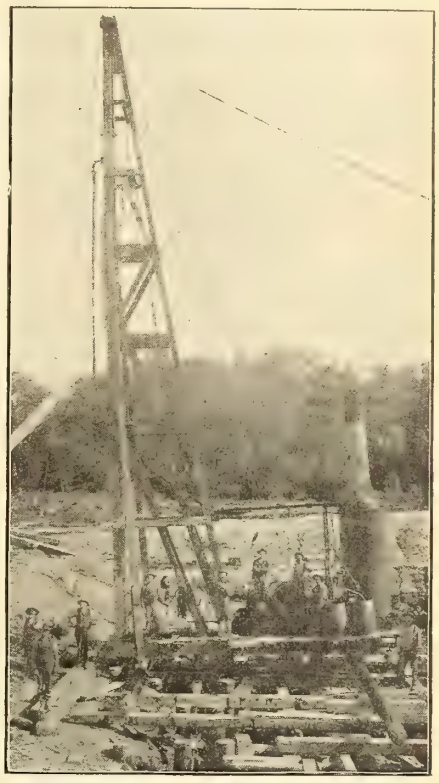

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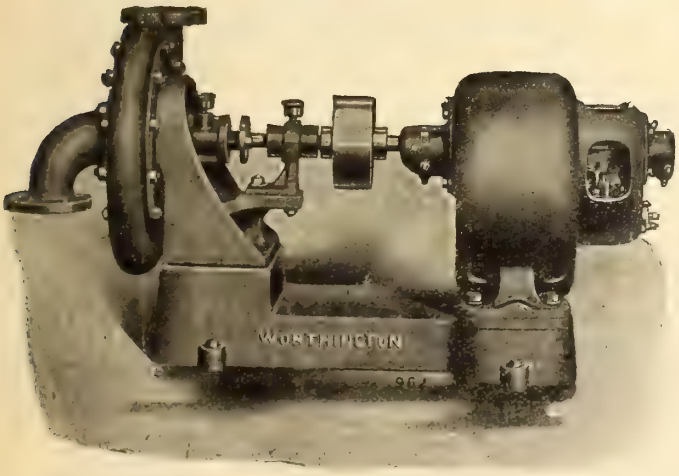

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ALEXANDRIA, ONT.—New Separate school: John J. McIntosh, contractor.

CALGARY, N.W.T. — Hotel for A. Moodie: F. Fairey, contractor; cost $32,000.

YARMOUTH, N.S. — Alterations and additions to Customs House: W. E. Sims, contractor.

NINGA, MAN. — New Presbyterian church: Masonry, Lucas & Tripp; carpentry, R. J. Johnston.

VANCOUVER, B.C.—Office building for Stephen Jones, of Victoria: Smith & Sherbourne, contractors.

WINDSOR, ONT. — City supply of valves, hydrants, etc.: Kerr Engine Co., Walkerville, successful tenderers.

LUCAN, ONT. — Biddulph Township awarded contract for sixty-foot steel bridge to Jenks & Dresser, Sarnia, Ont.

FORT WILLIAM, ONT. — Residence for John King: Thomas Hanley, of Port Arthur, architect; Joseph LeBrun, contractor; cost $10,000.

STRATFORD, ONT.—The City has awarded the $68,480 4% and 4½% debentures to Wood, Gundy & Co., of Toronto, for $69,713 and accrued interest.

SARNIA, ONT.—Residence on Davis street for William Virgo, of Watford: Foundation and cement blocks, Corrick & Sons; plumbing, W. J. Barrie; carpentry, A. Smith, of Watford.

OTTAWA, ONT. — John Foley, this city, has secured contracts from Dominion Government to build a bridge across Battle river at Battleford, N.W.T., cost about $40,000.

NORTH BAY, ONT.—Construction o sewers: Fraser, Ward & Co, of Niagara Falls, successful tenderers, $22,995. Septic tanks, power house and residence for engineer not included in above contract.

IROQUOIS, ONT.—Wood, Gundy & Co., Toronto, recently purchased $11,000 4½% debentures re-payable in 20 annual instalments for $11,061. Other tenders: G. A. Stimson & Co., $11,005; W. C. Brent, $11,000.

VICTORIA, B.C.—The following bids were received by the City for $37,000 4% debentures: Wood, Gundy & Co., $36,-402 and accrued interest (accepted); Dominion Securities Corporation, $36,-108; W. C. Brent, $35,758; Royal Bank of Canada, $35,408; H. O'Hara & Co., $35,123; Æmilius Jarvis & Co., $34,540.

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Concrete Stone, per cubic yard	1 25
Grey Lime, per bushel at quarry	22 c
Grey Lime, per bushel delivered	22 c
White Lime, per bushel at quarry	32 c
White Lime, per bushel delivered	32 c
American hard wall plaster, per ton f.o b.	16 00
Manitoba hard wall plaster, per ton f.o.b.	15 00
Ordinary hard wall plaster, per barrel	3 25
Pitch pine hard wall plaster, per barrel	4 50
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Building papers, Cyclone and Jubilee, plain	77½
Building papers, Anchor, tarred	70 c
Building papers, Cyclone and Jubilee, tarred	80 c
Building papers, Shield, tarred	65 c

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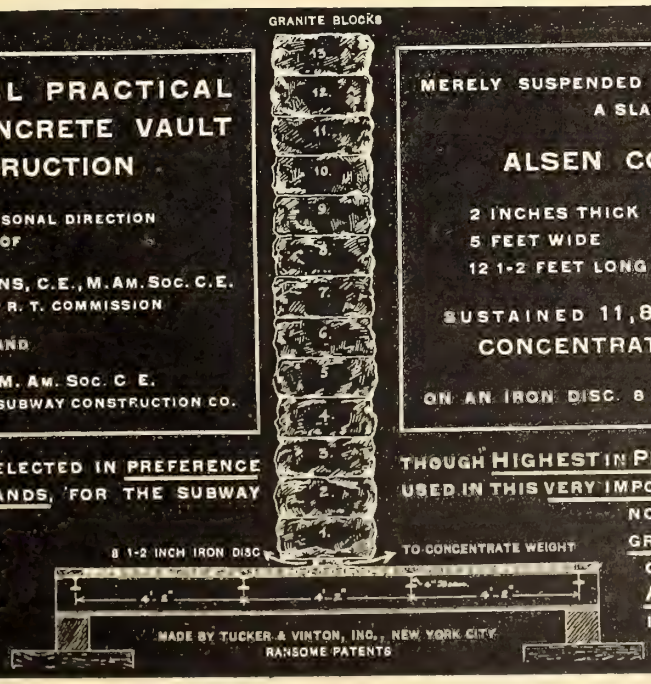

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1 inch No. 1 Pine cuts and better	$48.00 to	$50.00
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1 x 4, 6 and 8 Common	18.00	19.00
1 x 10 and 12 Common	19.00	21.00
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1 inch dead cull sidings	12.00	13.00
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Hemlock, 1 x 4 to 8 inch	14.50	15.50
2 x 4 to 10 inch, 12 to 16 feet	15.00	16.00
2 x 4 to 10 inch, 18 feet	16.00	17.00
1½ inch No. 1 4 ft. Pine Lath	3.00	3.50
1½ inch No. 2 4 ft. Lath	2.80	2.90
1½ inch No. 1 4 ft. Hemlock Lath		2.80
XXXX Pine Shingles	2.90	3.00
XXX Cedar Shingles	2.80	2.90
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XXX 6 butts to 2 inch		2.60
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Birch, M. R. 1 inch	22.00	24.00
" 1½ inch to 2	23.00	25.00
Basswood, Common and better, 1 to 1¼ inch	24.00	25.00
Basswood, 1½ to 2 inch	25.00	26.00
Elm, soft, mill run, 1 to 1½ in.	24.00	25.00
Elm, rock, mill run, 1 to 1¼ in.	24.00	26.00
Maple, common and better, 1 to 1½ inch	21.00	22.00
Oak, red plain, 1sts and 2nds, 2 to 4 inch	44.00	46.00
Oak, white, 1sts and 2nds, 1 to 1½ inch	42.00	44.00
Oak, quartered, 1sts and 2nds	70.00	80.00

SLATE.	Toronto.	Montreal.
Roofing (per *square*).		
red	20.00	20.00
purple	9.00	10.00
unfading green	10.00	11.0
black	9.00	9.0
Terra Cotta Tile, per sq.	25.00	25.0
Ornamental Black Slate Roofing		77.00

(Continued on page 13.)

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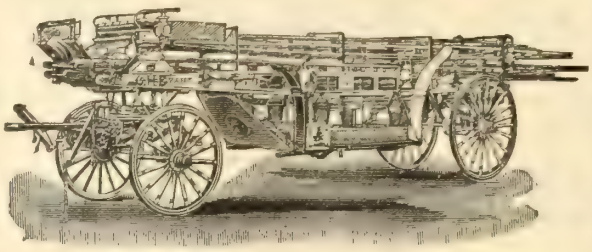

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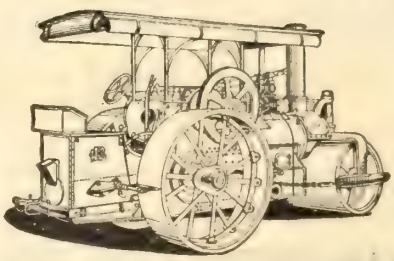

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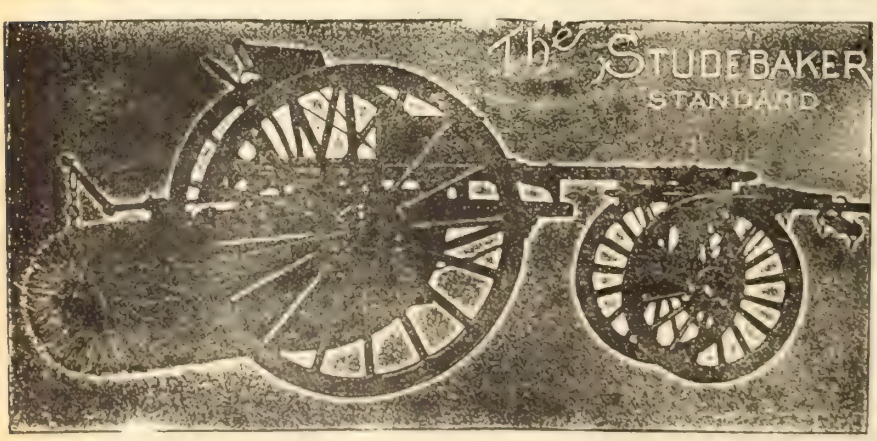

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Prices of Building Material

(Continued from page 12.)

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Nos. 1, and 2, Red Pressed Bricks
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	F.O.B. Milton, Ont.
Red No. 1	13 00
" 2	15 50
" 3	9 00
Buff No. 1	15 00
" 2	13 00
Brown	25 00
Roman Red	30 00
" Buff	35 00
" Brown	40 00
Hard Building	8 00
" Sewer	7 0
" Backing	6 00

Moulded and Ornamental from $2.00 to $5.00 per 100.
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Red Peerless Facing	$16 00	$21 50
" No. 1	14 00	19 50
" No. 2	12 00	17 50
" No. 3	10 50	15 00
Brown Peerless Facing	20 00	25 50
" No. 1	18 00	23 50
Buff Peerless	20 00	25 50
" No. 1	18 00	23 50
" No. 2	15 00	20 50
Moulded and Ornamental Brick from $3 to $10 per C:		
Roman Red (Size 12 x 4 x 1½ in.)	30 00	35 50
" Buff " "	30 00	35 50
" Brown " "	34 00	39 50
Vitrified Paving Brick No. 1	18 00	23 50
" " " No. 2	15 00	20 50
Sewer	8 00	13 5
Roofing Tile	22 00	20 00

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Bond	20 00 M.	25 00 M.
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" 2 "	22 00

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(Continued on page 14)

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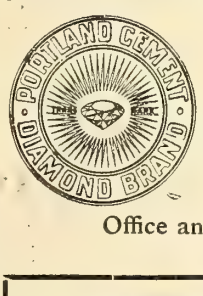

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Prices of Building Material

(Continued from page 13)

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Common Rubble per toise, delivered at building	13 50	11 00
Large flat Rubble, per toise, delivered	14 00	18 00
Foundation Blocks, per c. ft.	40	50
Granite (Stanstead) Ashlar, 6 in. to 12 in., rise 9 in., per ft.		25
Amherst Red Sandstone Amherst, N.S., per cub. ft. on cars at quarry 40c . . at quarry		40
Sackville, N.B., brown or red stone f. o. b. Quarries	45	45
asillon	30	40
Myers-Northport Red or River Philip Gray Sandstones f.o.b. per cubic foot	75	65
Stanstead granite paving blocks, 8 in. to 12 in. x6 in. x4½ in. per M		50 00
Granite curbing stone, 6x 20 in. per lineal foot		70
Buctouche Olive Freestone	85	65
Olive Sandstone (Indiantown, N. B)	80	70
Brown Sandstone (Sackville, N. B.	80	70
Moat red sandstone, per cu. ft.		60
Black Pasture buff stone per cu. ft.		50
Hagersville Crushed Stone per ton	1 25	
Nova Scotia blue grey, per cu. ft.		65
Coursers, 6 to 8 in. f. o. b. St. Mary's. per cord		7 00
Footing, 6 to 10 in. per cubic ft.		15
Dimension Stone, f. o. b. St. Mary's, per cubic foot		35
Granite (Laurentian Pink) Ashlar, 6 to 12 in., rise 9 in., per c ft.		25
Dimension Stock Granite, (Laurentian Pink) for building purposes, per c. ft., f.o.b. quarries		40
Do., for polishing purposes, up to 2 tons weight, per cubic foot		70
	F.O.B. Halifax	
Dimension stock granite for building purposes, per cu. ft.		40
Do., for polishing purposes, up to 2 tons weight, per cubic ft.		1 00
Paving sets, per thousand block		60 00
CREDIT VALLEY STONE.	F.O.B. Quarries.	
Rubble, per ton		60
Brown Coursing, up to 10 per sup. yard		1 75
Brown dimension, per cub.		70
Grey coursing, per sup. yard		1 25
Grey dimension, per cub. ft.		40
ROMAN STONE.	F. O. B. Factory.	
6" x 3" Sills, tooled seated and throated 35c. per lineal foot		
Window Heads and Ashlar, 40c per square foot		
Window and Door Quoins tooled 40c. per superficial foot		
String Courses, Molded or Ornamental, 6" to 12" rise 50c to $1.50 per lineal foot		
Hollow wall tooled finish 14" thick 40c. per square foot		

LIME.	Toronto.
White Lime, per ton, Delivered	$8 00
Grey " " "	7 00

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Canadian (Packages, 350 lbs. net.):				
Rathbun's Star	1 70	2 00	1 80	2 00
Trowel			1 85	1 95
Samson	1 75	1 85		
Magnet	1 55	1 65		
Monarch	1 80	1 90	1 90	2 00
Hercules	1 75	1 75		
Imperial		1 80		
Crescent 375 lbs. gross	2 30	2 40	1 95	2 05
Diamond 350 " "	2 20	2 30	1 85	1 95
"Giant" Brantford	1 75	2 00	2 00	2 50
American (in Bags)				
"Helderberg"			1 90	2 00
Alsen				2 25
Lehigh, in bbls., 375 lbs.		2 35	2 10	2 20
" cotton sacks, 350 net		2 00		2 00
" paper bags		2 10		1 85
"Iron Clad" in bags 350 lbs.			1 80	1 90
"Invicta" " " "			1 65	1 70
"Adirondack" " " "			1 50	1 65
Vulcanite (The Toronto Pottery Co., Limited. Toronto) 350 lbs. per bbl.				
In paper bags		1 80		
" wooden bbls.		2 00		
" cotton bags		2 10		
English in Barrels):				
Brook's Shoobridge Anchor	2 35	2 40	2 00	2 10
Belgian (in Barrels):				
"Josson"	2 60	2 70	2 20	2 30
"North's Condor	2 05	2 10	2 25	2 30
"White Cross"	1 90	2 00	1 75	1 80
Hammer			1 80	1 90
White Star	2 15	2 25	1 90	2 00
Samson			1 80	1 90
German (in Barrels):				
Offenbacher				2 35
Alsen	2 65	2 95		2 40
Dyckerhoff	2 65	2 75		2 40
Hercules	2 25	2 35		2 15
Keene's Superfine "Whites"	10 00	12 00	8 50	9 00
Keene's Coarse "Whites"	6 50	7 00	4 50	5 00
Fire Bricks, Newcastle, per M	27 00	32 00	18 00	22 00
" Scotch "	28 00	33 00	19 00	23 00
Plaster, Calcined, N.B.		1 70		1 60

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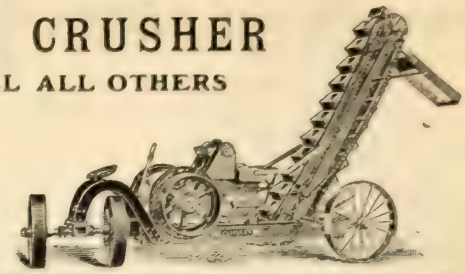

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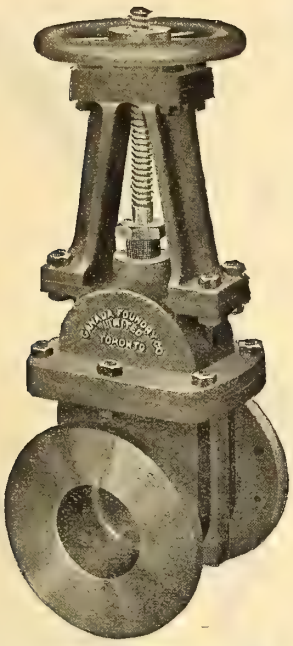

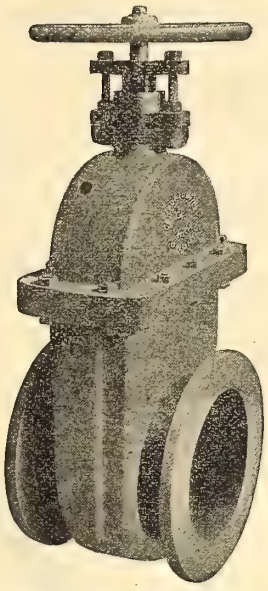

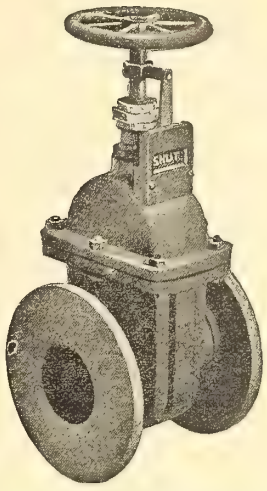

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THE GARTSHORE-THOMSON PIPE & FOUNDRY CO.

LIMITED.

Manufacturers of

Flexible and Flange Pipe, Special Castings and all kinds of Waterworks Supplies

CAST IRON PIPE

3 inches to 60 inches diameter.

For Water, Gas, Culvert and Sewer

HAMILTON, ONT.

RANSOME

CONCRETE MIXERS

CONCRETE MIXERS are especially adapted for all classes of PAVING, STREET and FOUNDATION work, as they require no special platform for loading and contents of mixing drum can be partially discharged, if desired, without delaying the mixing operation.

ALSO

RANSOME MIXERS produce the highest grade of concrete at high speed with the least possible expenditure for labor, and will handle concrete or cement mortar with equal efficiency.

All Capacities and Styles

Every Machine Guaranteed

Write for Catalogue and Prices and we will tell you more about them

CONCRETE PLANT

ALL SIZES AND CAPACITIES

GATES

CRUSHERS

The Gates Crusher is the Result of Years of Practical Experience—Being

SIMPLE IN MECHANISM.
RUNS WITHOUT VIBRATION, AND REQUIRES LESS POWER THAN OTHER CRUSHERS

CORRESPONDENCE SOLICITED

F. H. Hopkins & Co.

CANADIAN SALES AGENTS

MONTREAL

CANADIAN

Contract Record

A Weekly Journal of Public Works, Tenders, Advance Information and Municipal Progress

This Paper Reaches Every Week the Town and City Clerks, Town and City Engineers, County Clerks and County Engineers, Purchasers of Municipal Debentures and Leading Contractors in All Lines Throughout Canada

VOL. 16. TORONTO, MONTREAL, WINNIPEG, APRIL 19, 1905 No. 9

THE CANADIAN CONTRACT RECORD

PUBLISHED EVERY WEDNESDAY

As an Intermediate Edition of the Canadian Architect and Builder.

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22 Great St. Helen's, London, England.

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OLD DOORS WANTED

I am open to buy a few walnut doors from old buildings being torn down. Please state sizes, prices, or telephone M. 2701. JAS. ROBERTSON, 10 Front St. E., Toronto.

TOWN OF CALT

TO CONTRACTORS

Tenders will be received by the undersigned up to 6 p. m., MONDAY, MAY 1st, for the construction of about seven miles of Sewers and four miles of Storm Drains. Plans and specifications may be seen and forms of tender obtained at the office of the Engineer, Wm. Mahlon Davis, Berlin, or the Town Clerk, Town Hall, Galt, after SATURDAY, 15th INST.

The lowest tender not necessarily accepted.

J. McCARTNEY, Town Clerk.

City of Brandon

WATER WORKS

Sealed tenders, addressed to Mr. Geo. R. Coldwell, Chairman of the Water Works Committee, for the laying of the following approximate quantities of C. I. water pipe, will be received by Mr. J. B. Whitehead, City Clerk, until 12 o'clock, noon, on MONDAY, MAY, 1ST, 1905:

APPROXIMATE QUANTITIES.

1,500	lineal ft.	of	12 in.	C. I.	pipe.
2,200	"	"	10 in.	"	"
1,600	"	"	8 in.	"	"
16,000	"	"	6 in.	"	"

Including all hydrants, valves, and specials required for the extensions.

All of the material will be furnished by the City of Brandon.

An accepted cheque on a chartered Bank of Canada, or a cash deposit equal to 5% of the total amount of the tender, must accompany each tender.

The Council does not bind itself to accept the lowest or any tender.

Plans, specifications, form of tender, etc., may be seen or obtained at my office, City Hall, Brandon, Man.

W. H. SHILLINGLAW, City Engineer.

Brandon, Manitoba, Canada, April 5th, 1905.

TENDERS

will be received up to MONDAY, MAY 1ST, next, by the undersigned, for building of 1500 square yards, more or less, of Concrete Walks in the Village of New Hamburg. Specifications on application to

WM. MILLAR, Clerk.

New Hamburg, April 13, 1905.

TENDERS

For building Two Cement Abutments for Steel Superstructure, about 300 c. yds., will be received up to MAY 1st, by the undersigned Commissioners of Oxford and Waterloo, at whose places plans and specifications may be seen. Commissioners will meet at Trunck's Hotel on Monday, 1st of May, to award contract.

F. VICKERT, Princeton. FRED WALTERS, Bamberg.

TENDERS

Will be received by the undersigned at Cobourg up to noon of the 27TH INST., for the Masonry, Cut Stone and Brick Work, and the Carpenter and Joiner's Works required in the erection of a Residence at Cobourg for Geo. T. Oliver, Esq.

Plans and specifications may be seen at Cobourg and Kingston. Lowest or any tender not necessarily accepted.

POWER & SON, Architects, M. Bk. Chambers, Kingston.

TENDERS

will be received by the undersigned up till noon, the 25TH INSTANT, for all the various trades required in the erection of a Bank Building for the Imperial Bank of Canada at Niagara Falls, Ont. Plans and specifications may be seen and all other information obtained at the office of the Bank, Niagara Falls, or at the office of

DARLING & PEARSON, Architects, 2 Leader Lane, Toronto.

The lowest or any tender not nessarily accepted.

To Contractors

Sealed tenders, addressed to the undersigned, will be received until noon on FRIDAY, THE 28TH INST., for building Concrete Abutments for the St. George Street Bridge, in the City of St. Thomas, Ont. Plans and specifications can be seen at the office of the undersigned.

JAS. A. BELL, City Engineer.

Tenders Wanted

Sealed tenders addressed to the Chairman of the Public Works Committee, for the construction of about 40,000 superficial feet of concrete walk, 2,500 superficial feet of crossings, 4,000 lineal feet of concrete curbing, will be received at the office of the undersigned up to 4 p. m. on SATURDAY, APRIL 22nd, 1905.

Plans, specifications, form of application and instructions to bidders may be had on application to the office of Richard Smith, Town Engineer. Each tender must be accompanied by an accepted marked check or cash deposit for not less than 2½% of the estimated cost, which will be subject to forfeiture in the case of failure on the part of the contractor to enter into a written contract if called upon to do so.

The Town or Committee reserves the right to reject any or all tenders or to accept any bid that appears advantageous to the Town of Midland.

THOS. I. TRUEMAN, Town Clerk.

Midland, March 29th, 1905.

FOREMAN WANTED

Advertiser in Eastern Canada wishes to get a good steady man to act as foreman in Sash, Door, and General Wood-Working Factory, must be well recommended. State experience and salary expected. Address "J. M.," care of CONTRACT RECORD, Toronto, Ont.

Debentures for Sale

Tenders will be received at the Clerk's Office, Seaforth, up till noon, MAY 8th NEXT, for $4,000 Four Per Cent. Debentures payable at the expiration of 19 years from January 18th, 1905. Interest payable annually.

No tender necessarily accepted.

WM. ELLIOTT, Town Treasurer.

Seaforth, April 14th, 1905.

TENDERS

For supply of from 400 to 600 Barrels of

PORTLAND CEMET

Sealed tenders, addressed to Mayor G. M. Farrington, for the supply of from 400 to 600 barrels of cement, will be received up to 6 o'clock. p. m. on MONDAY, MAY 1st, 1905.

Cement to be used for sidewalk construction. Price to be quoted f. o. b. Picton, car or boat.

The lowest or any tender not necessarily accepted.

R. A. NORMAN, Town Clerk.

Town Clerk's Office, Picton, April 10, 1905.

Town of Berlin

TO CONTRACTORS

Tenders will be received by the undersigned up to 6 p. m., TUESDAY, 25th APRIL, for the grading of about 14 acres of Sewage Filter Beds, the Laying of Force Main, Sewage Carriers and Effluent Chains, and the Construction of Distributing Chambers, Valve Chambers, Etc.

Plans and specifications may be seen at the office of the Engineers, Davis & Johnston, Economical Block, Berlin, on and after the 10th inst. The lowest tender not necessarily accepted.

J. F. HONSBERGER, M.D

Chairman Bd. of Sewerage Commissioners.

TENDERS FOR BLOCK PAVEMENT

Tenders wanted for the supply of material and construction of a 12 ft. wide Cedar or Tamarac Wood Pavement, about two miles in length, extending from Notre Dame Avenue to Portage Aevnue, through the track property of

THE GREAT WEST DEVELOPMENT COMPANY

in 54 St. James, Winnipeg's future industria centre.

Plans and specifications at their office, 203 McIntyre Block, Winnipeg.

The lowest or any tender not necessarily accepted.

[FOR ADDITIONAL ADVERTISEMENTS FOR TENDERS SEE NEXT PAGE.]

DEBENTURES FOR SALE

Tenders will be received by the undersigned until FRIDAY, 28th INST., for the following 4½% Local Improvement Debentures of the Town of Waterloo—$5,649.60 payable in 10 annual instalments; $2,937.79 payable in 30 annual instalments, also for the following Bonus Debentures, 4½% $15,000, payable in 15 annual instalments.

A. B. McBRIDE,
Town Clerk.

TENDERS FOR BRIDGE

Sealed tenders, addressed to the Reeve, Arran Township, will be received up to 6 p. m. MONDAY, MAY 1ST, for the constructionoffollowing:

(1) Two concrete abutments containing some 200 c. yds.

(2) One Steel Bridge 100 feet span C-C, 16 foot roadway, L. load 80 lbs. per sq. ft. and moving load of 6 tons on 6 ft. axles.

(a) Bridge as above with cedar floor and steel joints.

(b) Bridge as above with steel joists floor to be furnished by Corporation.

Site, Black's Bridge, near Allenford.

An accepted bank cheque, payable to Treasurer Township of Arran, for the amount of 5 per cent., must accompany each tender, the same to be forfeited if the tenderer decline the contract or fail in the performance thereof, and to be returned in case of non-acceptance.

Plans and specifications may be seen at the Reeve's or Engineer's offices.

The lowest or any tender not necessarily accepted.

R. NICOLSON, Esq.,
Reeve, Tara.

R. McDOWALL, C. E.,
Engineer, Owen Sound, Ont.

TOWN OF PORT ARTHUR

TENDERS

Sealed tenders, addressed to the Chairman of the Electric Railway and Light Commissioners, will be received at the office of the undersigned up to 12 o'clock, noon, of FRIDAY, MAY 5TH, 1905, for the purchase of the following Electrical Machinery:

One (1) 150 H. P. Wheelock Compound Condensing Engine.

One (1) 80 H. P. Boiler, Shafting, Pulleys and Belting.

One (1) 500 Volt 45 K.W. Railway Generator.

One (1) 60 K.W. 2000 Volt 125 Cycle Alternator. With all necessary switch-board and attachments.

All of which can be inspected at the power house at Current River, Port Arthur.

Tenders will be received in whole or in part.

Tenders to be marked "Tenders for Electrical Machinery."

The lowest or any tender not necessarily accepted.

J. McTEIGUE,
Secretary Electric Railway and Light Commissioners.

Corporation Offices, Port Arthur, Ont., March 28, 1905.

CONTRACTS OPEN.

MOOSOMIN, N.W.T.—H. W. White purposes erecting a large office building.

SIDNEY, MAN.—E. R. Marshall has taken tenders on addition to school house.

GLACE BAY, N.S. — The Dominion Coal Company intend erecting about 100 houses.

PORTAGE LA PRAIRIE, MAN.—Plans have been prepared for annex to the hospital.

YORKTON, N.W.T.—The installation of an electric light plant is under consideration.

HAMIOTA, MAN.—L. B. Latimer desires tenders by 24th inst. for building a Presbyterian church.

HARROW, ONT.—Bishop McEvoy has decided to have a new R. C. church erected in this village.

MOOSE JAW, N.W.T.—Work will be commenced at once on the new brick block for T. W. Robinson Co.

KAMLOOPS, B.C.—It is proposed to submit a by-law to the ratepayers to raise $3,500 to build a fire hall.

SOMERSET, MAN.—George Burns intends building a brick residence.—T. Rondeau also intends building.

FORT FRANCES, ONT.—Mr. James Paul has had plans prepared for enlarging the Fort Francis hotel.

CHESLEY, ONT.—Krug Bros. & Co. propose to build a new brick furniture factory if given a loan by the town.

TREHERNE, MAN.—A by-law to loan $5,000 to C. Weichman to erect a flour mill here was carried recently.

ACTON, ONT.—T. T. Moore, Town Clerk, desires bids by May 1st for purchase of $6,000 20 year debentures.

BELLEVILLE, ONT.—It is reported that a second cement plant is to be built at Point Ann by an American concern.

GLACE BAY, N.S.—The Town Clerk has been instructed to call for tenders for proposed electric light building, to cost $10,000.

BRANDON, MAN. — The School Board have decided to take immediate steps towards the erection of a Collegiate Institute building.

COLLINGWOOD, ONT.—The Collingwood Elevator Co. have completed arrangements for the construction of their elevator here.

CLINTON, ONT.—H. C. McBride, architect, of London, has been instructed to prepare plans for extensive alterations to public school here.

AYLMER, QUE. — The question of securing a sewerage system for the town will likely be considered at the Council meeting on May 1st.

ROSTHERN, N.W.T. — McFarlin Bros., of Brandon, have purchased the Queen's Hotel here and will make extensive improvements.

QUEBEC, QUE.—Stavely & Stavely, architects, have prepared plans for a new Sunday School building for St. Andrew's church, to cost about $6,000.

BURNS, ONT. — John Davidson, Reeve, desires bids by May 1st for construction of the Patterson and Hunter drains in Township of Mornington.

MORRIS, MAN.—Tenders are invited by D. M. Ure up to Friday, 28th inst., for construction of a Queen truss bridge over the Morris river at Rosenort.

WALKERVILLE, ONT. — W. F. Brown asks tenders by 28th inst. for construction of the railway of the Windsor and Tecumseh Electric Railway Co.

SYDNEY, N.S.—The Dominion Iron & Steel Co. intend equipping a third blast furnace.—A. G. McLean wants bids by May 1st for erection of Falmouth street church.

PORT HOPE, ONT.—The building committee of the Presbyterian church have decided to proceed with the new building upon the plans of the Mitchell church.

PRINCE ALBERT, N.W.T.—It is understood that Willis Chipman, C. E., of Toronto, will be engaged to prepare plans for waterworks and sewerage systems here.

LAMBTON, ONT.— J. A. Macpherson, Township Clerk, is asking for tenders by May 1st for construction of cement sidewalks on Dundas street in this village.

NORTH BAY, ONT.—Mayor Purvis last week interviewed the Ontario Governmen regarding a grant of $5,000 to assist in construction of sewerage and waterworks systems.

FERNIE, B.C.—T. H. Tracey, C.E., of Vancouver, may be engaged to report on a water supply for this place.—J. R. Pollock will build a two-storey residence on Riverside ave.

ST. CATHARINES, ONT.—W. B. Allan, architect, is this week taking tenders on blacksmith and erecting shops, paint shop and store house for J. M. Ross, Sons & Co.

EAST TORONTO, ONT.—A bridge is to be built over the G. T. R. tracks in connection with proposed extension of the Toronto and Scarboro Railway northwards to Little York.

SOURIS, MAN.—Residences will be built by George S. Pettypiece, E. R. McRory and C. Dickson.—Wm. Herriot is forming a syndicate to erect a large block on Crescent ave.

RAT PORTAGE, ONT.—The Council have decided to furnish power to the Maple Leaf Milling Co., who have agreed to commence the construction of their mills and elevator at once.

BARRIE, ONT.—Tenders invited by P. J. Frawley, Hillsdale, up to 22nd inst. forfire-proofvault and alterations in court house. Plans at office of Thomas Kennedy, architect, this place.

ARNPRIOR, ONT.—Elgin street ratepayers have petitioned the Town Council to construct a permanent roadway and granolithic sidewalk from Madawaska river to the corporation limits.

RENFREW, ONT. — The Town Council have decided to install a duplicate filtering plant.—A report favorable to electric power for the waterworks pumps has been presented to Council.

WROXETER, ONT.—William Wilson, Secretary School Board, will receive tenders up to 24th inst. for erection of brick or cement school building. Plans by Stewart, Witton & Taylor, architects, Brantford.

STRATFORD, ONT.—The County Council have appointed a committee to engage an engineer to prepare plans for new bridge over Thames river on boundary of Fullarton, Downie, and Blanshard Townships.

PERTH, ONT.—The ratepayers decided strongly in favor of the by-law to loan $20,000 to Winn & Co., boot and shoe manufacturers, of Milton, Ont. They are to build a two-storey factory 150x50 feet.

HULL, QUE.—The City Council will probably extend the intake pipe about 500 feet, at a cost of $8,000. Mayor Aubry favors the purchase of a water filter for the pumping station, which will also cost about $8,000.

AMHERST, N.S.—A. S. Fillmore intends removing his carriage factory from Southampton to this town and operating it on a larger scale. It is proposed to erect a large building near the Intercolonial railway.

PERTH, ONT.—J. R. Mitchell, Chairman Sewer Committee, desires tenders by May 1st for supply of sewer pipe and junctions, sewer castings and Portland cement. Particulars from Harry Welch, town engineer.

EDMONTON, N.W.T.—The Water Commissioners have recommended that the pumping plant be duplicated and an addition built to the station, also that a water main be laid on Ninth street, at a cost of $5,800.

MIMICO, ONT.—A company will make application to the Ontario Legislature to construct a pumping plant and lay mains for the purpose of supplying Mimico and New Toronto with water pumped from the lake.

NEEPAWA, MAN.—Work will be commenced this month on the new C.P.R. station.—Harry Paterson, manager of the Bell Telephone Co., has purchased a lot on Mountain ave. and will next year erect a substantial office building.

WINCHESTER, ONT. — James Drinkwater, Reeve, invites tenders up to May 15th for construction of Henderson creek drain in the village and township of Winchester; excavation, 385 yards of rock, 14,565 yards of other materials.

SECOND HAND PLANT FOR SALE

2 Steam Shovels, built by Vulcan Iron Works.
1 Beatty Steam Shovel with flat car to carry fittings.
2 Locomotives with Tenders, standard gauge, built by the Canadian Locomotive Co.
1 Standard Gauge Locomotive, 35 to 40 tons, cylinders 16 × 24, drivers 4 feet 10 inches.
1 Ten Ton Locomotive, 36 inch gauge.
22 Box Cars, 35 feet × 7 feet 10 inches × 6 feet 6 inches inside measurement, capacity 50,000 lbs.
50 Flat Cars, 36 feet long by 8 feet 9 inches wide.
2 Flat Cars, 36 inch gauge, platforms 8 feet by 4 feet 6 inches.
1 Tank Car, 30 feet over all.
30 K. & J. Two Way Dump Cars, capacity 2½ cubic yards, 36 inch gauge.
1 No. 5 Austin Gyratory Crusher with gearing complete; includes elevator 42 feet long, 1 elevator for sand, storage bin, new head, 1 set concaves, 1 new bevel driving gear, and 1 standard revolving screen.
1 Marsh & Henthorn Continuous Concrete Mixer with engine on frame, capacity 250 cubic yards per day.
1 No. 5 Ransome Concrete Mixer, used about one year.
1 Hamilton Cube Concrete Mixer, capacity 125 cubic yards per day.
10 Stuebner Self-Dumping Buckets, capacity 1 cubic yard.
1 Stuebner Trolley Track Tippng Bucket, capacity 14 cubic feet.
1 1½ Yard Clam Shell Bucket, scissors pattern.
2 Self-Righting Concrete Buckets, capacity 1 cubic yard, has bails and self-locking attachments complete.
1 Vertical Engine, 75 H.P.
1 Shop Engine, 12-15 H.P.
1 "Rival" Engine, made by Laurie Engine Co., Cylinders 17x11.
1 Waterous Traction Engine 18 H.P.
2 25 H.P. Boilers, locomotive type on skids.
1 30 H. P. Boiler, locomotive type on skids.
1 20 H. P. Boiler, locomotive type, mounted on four wheeled truck.
1 Vertical Boiler, about 12 H.P.
1 "Imperial" special Air Hoist, 2 ton capacity.
1 "Dake" Hoist, 3 ton capacity.
1 50 H. P. Allis-Chalmers-Bullock Motor.
1 20 H.P. Motor.
1 Single purchase Winch.
1 Worthington Pump 6x4x6.
1 Beatty Rotary Pump, 10-inch suction, 9-inch discharge.
1 8-inch Rotary Pump, engine direct connected, side suction.
1 8-inch Rotary Pump with pulley, side suction.
1 8-inch Rotary Pump with pulley, side suction.
1 4-inch Rotary Pump with pulley, side suction.
2 1½ inch Rotary Pumps with pulleys, side action.
4 Derricks with swinging circles, booms 35 feet, masts 16 feet 5 inches.
1 Stiff leg Derrick, extra heavy, with bull wheel and swinger, cable, blocks and complete fittings, 50 foot boom.
Several sets of castings for one ton stiff leg Derrick.
4 Pile Drivers.
5 Pile Driver Hammers of different weights.
1 6x10 Double Cylinder, Double Drum Hoisting Engine, with boiler.
1 Motor driven Hoist with two plain drums, a good builder's hoist.
4 Bacon Type hoists, Jenckes make, single drum, double cylinders 8¼x10.
1 Double Drum Beatty Horse Power with quick lowering gear.
4 No. 3¼ Ingersoll-Sergeant Steam Drills complete with tripods, weights and steels.
1 Sullivan "E" Diamond Drill.
1 "Mac" Rock Drill 3½x6 with tripod.
1 Millar patent Cableway, 1200 foot span with portable towers of timber mounted on car wheels, includes cableway engine and boiler, and complete lengths of wire rope, and patent aerial dump attachment.
1 Cableway 500 foot span, 85 foot towers, 1½ inch cable, complete with three drum Beatty Hoist and 1½ yard clam shell bucket.
1 No. 31 plate shear.
1 Pels lever punch, for 1 inch holes in 1 inch plate.
1 Drilling Machine, 26 inch feed complete with slotted table, speed cones, self-feeding attachment, almost new.
1 Shaper, 18 inch stroke, complete with iron counter-shaft.
1 Emery Wheel and Table.
1 Lathe 3 feet 6 inches by 17 inches.
1 Fan, 24 inch diameter, made by Boston Blower Co.
1 Cast Iron Forge with full hood and cast iron water box.
2 Blacksmith's Leg Vises, width of jaw 5 inches.
4 Blacksmith's Anvils.
Large assortment of Blacksmith's Tools.
About 3000 yards Page Wire Fencing, 4 feet 3 inches wide.
2 Well's Lights, large size.
1 Paint Sprayer.
6 Salamanders.
1 Ladder, 18 foot extension.
100 ft. of Rope Ladder.
1 Open Top Wood Tank, capacity 1500 gallons.
1 Tank Car, 30 feet over all.
1 Iron Tank, capacity 800 gallons, open top and bottom outlet.
4 Banner Stands, 1 three throw, 3 two throw, complete with connecting rods.
8 70 lb. Frogs.
2 10 ton Tangyes Hydraulic Jacks.
2 20 ton Tangyes Hydraulic Jacks.
3 15 ton Cone Bearing Norton Jacks.
2 6 ton Norton Journal Jacks.
2 24 inch Bottle Jacks.
6 large size Wheel Scrapers.
2 Rail Benders.
Large assortment of Track Tools.
Relaying Rails of almost every weight.
1 18 inch Circular Rip Saw with shafting and table.
1 18 inch Circular Cross Cut Saw for above.

W. H. C. MUSSEN & CO.

RAILWAY, MINING AND CONTRACTORS' SUPPLIES

MONTREAL

PRESTON, ONT.—The Baptist congregation purpose building a new church, corner of King and Dover streets.—The building committee of the R. C. church have purchased a site on corner of Duke and Wellington streets on which to build a rectory.

WARSAW, ONT.—Tenders invited by D. Malony, Chairman Bridge Committee, up to 21st inst., for erection of abutments to bridge over the Indian river, between townships of Duro and Otonabee. Plans at office of J. E. Belcher, C. E., County Engineer, Peterboro.

SEAFORTH, ONT.—W. A. Elliott wants tenders by May 1st for construction of sewer on Birch street.—Morris Council have instructed Mr. Ainsley, County Engineer, to prepare plans for a steel bridge, with cement abutments, to be built over the river near Bodmin, span 110 feet.

CHATHAM ONT.—J. L. Wilson & Son, architects, are preparing plans for a residence for Warren Hear, this city.—The Bank of Montreal will build a new bank on the site of their present building. The Sovereign Bank will also build this year.—It is reported that the Charles William, Estate will erect a new block on King street.—Tenders have been taken for the new market, municipal building and police station, on plans prepared by T. J. Rutley, architect.

SARNIA, ONT.—John Galt, C.E., of Toronto, has completed his investigations into the problem of water supply here and submitted report with estimate of cost for improvements to the present plant, also a proposed new location further up the river at Point Edward. The present location calls for $60,000 expenditure, and the new location $150,000.

BROCKVILLE, ONT. — D. W. Ogilvie, of Montreal, has purchased St. Lawrence park, about two miles above this city, and intends converting the property into a country home.—Tenders will be received by W. H. Osborne up to 6 p.m. of 20th inst. for supply of lumber, sewer pipe, Portland cement, cut and steel wire spikes and macadam, also for the construction of granolithic sidewalks.

GALT, ONT.—The counties of Brant, Wellington and Perth have empowered Dr. Radford to ascertain the cost of a sanitarium to accommodate about 30 patients. — The Department of Public Works, Ottawa, are asking for tenders by 28th inst. for additions and alterations to public building here. Plans on application to Thomas Barrett.

VICTORIA, B. C.—The proposed Home for the Aged will be built on Fort street and plans will be prepared and tenders invited immediately.—Arrangements are being made by the engineering staff of the city for the paving of Johnston street with wooden blocks, at an estimated cost of $23,000.—A power house is to be built in connection with the C.P.R. hotel now under construction here.

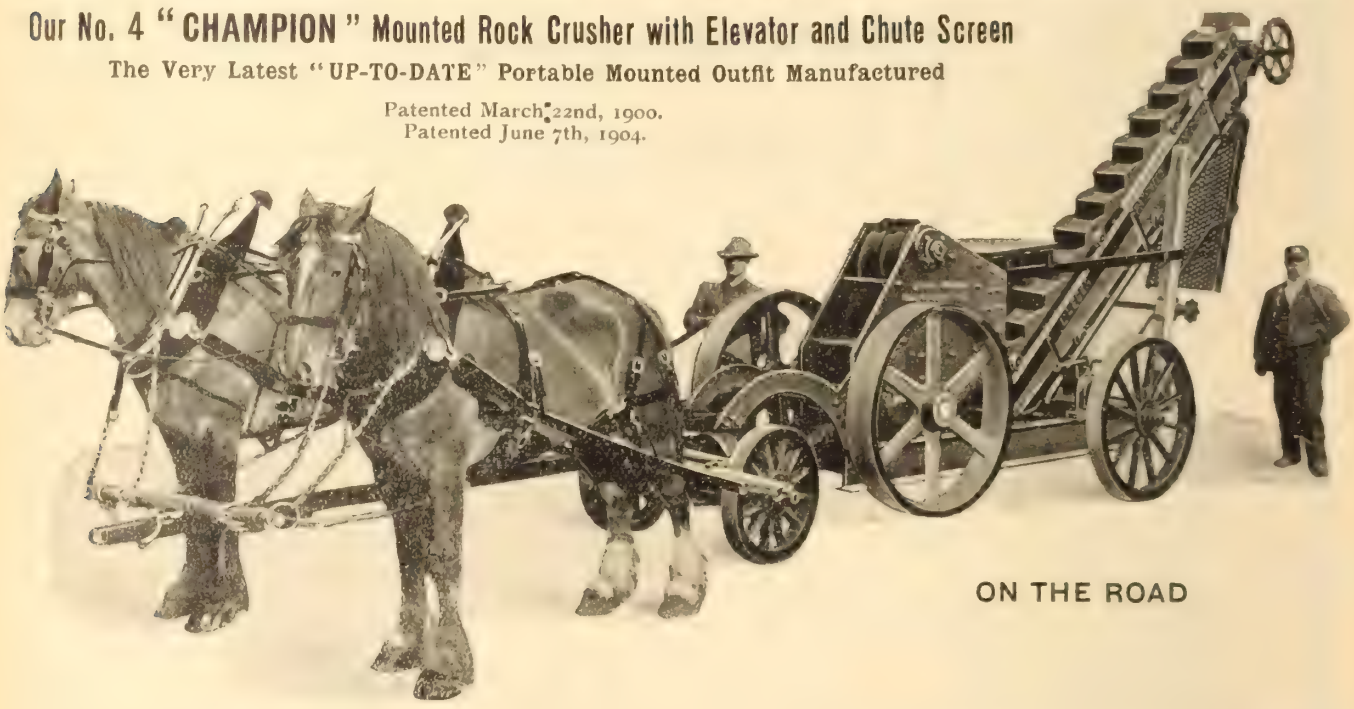
OTTAWA, ONT.—The time for receiving tenders for dredging at Port Arthur and in the Kamimstiqui river has been extended to May 1st.—F. Gelinas, Secretary Department of Public Works, desires tenders by Saturday, 29th inst., for paving of a portion of Wellington street. He also desires tenders by Friday, 28th inst., for additions and alterations to the drill hall at Toronto and to

THE GOOD ROADS MACHINERY COMPANY, LIMITED, Hamilton, Canada

Our No. 4 "CHAMPION" Mounted Rock Crusher with Elevator and Chute Screen

The Very Latest "UP-TO-DATE" Portable Mounted Outfit Manufactured

Patented March 22nd, 1900.
Patented June 7th, 1904.



The Steel "CHAMPION" Rock Crusher is the result of years of practical experience in crushing Rock from the limestone Ridges to the very hardest Syenite Rock. For crushing hard Boulders they have been proved to be superior to all competitors.

All mechanics agree that the simpler the machine the more valuable it is. In complicated machines look out for trouble and expense.

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Good Roads Machinery Company, Limited, JOHN CHALLEN, President and General Manager.

Address—Late Killey Beckett Works, 144 York Street, HAMILTON, ONT.

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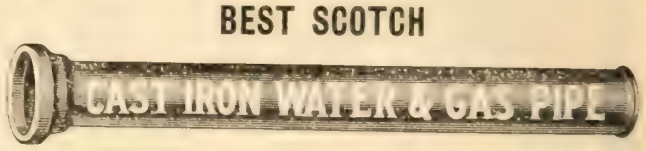

ALL WEIGHTS AND TESTS TO SUIT REQUIREMENTS.

Superior Quality Large Stock Prompt Shipments

OFFICES: HOCHELAGA BANK BUILDINGS QUEBEC, CANADA

DERRICKS

We manufacture every class of Hoisting Derricks both for Hand or Power. Write for our price list of Standard Builders' and Contractors' Derricks, 1500 pounds to 7 tons capacity.

MILLER BROS. & TOMS
MONTREAL

the public building at Galt, Ont.—The Public School Board have instructed the building inspector to prepare plans for new school for Central Ward, cost $40,000, and for addition to Archibald street school, cost $20,000.—W. G. Black wants tenders, on behalf of the city, by Thursday, 27th inst., for purchase of $103,000 30 year 4 per cent debentures.

NEW WESTMINSTER, B.C.—The Board of School Trustees may call for competitive plans for the proposed Kindergarten building.—The sum of $4,385 has been appropriated for the construction of a new waterworks reservoir.—A. E. Henderson, architect, of Vancouver, has been engaged to prepare plans for new buildings to be erected on the Exhibition grounds.

VANCOUVER, B.C.—Ald. Cooke has given notice of a by-law to issue debentures for $350,000 for street improvements. Ald. Baxter will introduce a by-law to borrow money for new fire halls and fire engines.—It is the intention of the Board of Works to construct a steel bridge across the ravine at Carnarvon street, at cost of $27,000.

FORT WILLIAM, ONT.—J. C. Stinson desires tenders by 22nd inst. for a double frame house for Mrs. A. F. Woodhead and a brick veneer house for Mrs. J. McArthur.—John Galt, C. E., Toronto, is busy making surveys and collecting data before preparing designs for improvements and additions to the water supply and sewerage here. It is expected that water will be brought from Loch Lomond by natural gravitation and the pumping from the Kaministiqua River abandoned. Designs will be prepared for a complete sewerage system, part of which will have to be pumped.

OWEN SOUND, ONT.—D. B. McColl intends building a brick bake-shop on Division street.—Maitland, Rixon & Co. intend erecting a large saw mill on Manitoulin Island. — Forster & Clark, architects, are asking for tenders up to 29th inst. for erection of Y.M.C.A. building on corner of Scrope and Division streets; brick 55×92 feet, 3 ttories.—Charles Thompson has purchased the property on Poulett street, opposite the White Star laundry, and intends erecting a business block.—Ryan Bros. will erect a three-storey building to replace the block occupied by J.W. Redfern and J.R. Brown.

BRANTFORD, ONT.—If given an extension of their franchise for ten years, the Brantford Electric & Operating Co. have agreed to install a new plant at the power house.—The Heintz Co., of Chicago, have decided to erect a salting station in this city.—It is understood that Mickle, Dyment & Co. intend extending their factory. — The Ker & Goodwin Co. intend building on corner of Charlotte and Colborne streets. — The Cleveland Roogng Co. are negotiating for the establishment of a Canadian factory in this city. — The Lake Erie and Port Dover Radial Railway Co. are reviving their scheme of building from Brantford to Port Dover. E. L. Gould and Thomas Elliott are interested.

PETERBORO, ONT.—The Department of Railways and Canals, Ottawa, are asking for tenders up to 21st inst. for supply of certain machinery to be delivered here for a dredge on the Trent canal.—Walter Stocker is meeting with success in his movement to secure the erection of a new opera house.—It is understood that residents in the west end will petition the City Council to enlarge the West Ward school.—The Canadian General Electric Co. intend building an addition of 250 feet to one of their buildings.

LONDON, ONT.—H. C. McBride, architect, has prepared plans for a brick church at Poplar Hill.—Tenders are invited up to 20th inst. for erection of bank building in this city for the Canadian Bank of Commerce. Plans at office of H. C. McBride.—The London Showcase Co. intend building a factory on Adelaide street, south of Bathurst, at cost of $8,000.—The members of the Adelaide street Baptist church have appointed a committee to procure plans

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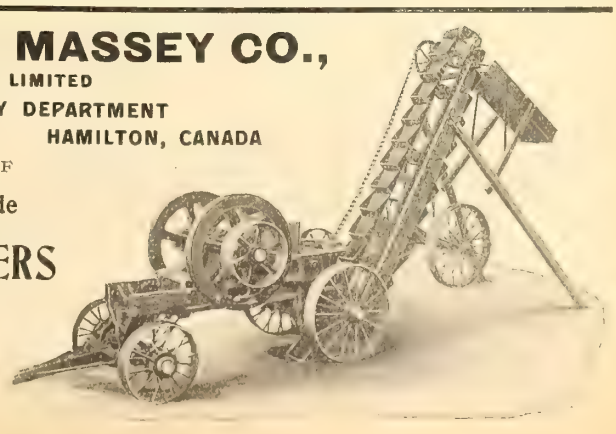

for extending the building and a new pipe organ at an estimated cost of $15,000.—J. W. Older will build a brick veneer residence on Dreaney ave.

HAMILTON, ONT. T. Beasley, City Clerk, will receive tenders up to 20th inst. for the erection of a ward and laundry building at the City Hospital. Plans at office of A. W. Peene, architect, corner James and Main streets. The City Clerk will also receive bids up to 20th inst. for purchase of $65,000 4 per cent debentures.—Wark & Lawrence have purchased lots 89 and 90, corner Steven and King William streets, for building purposes.—The George E. Mills Syndicate has disposed of four lots fronting on Sanford ave. and Barton street as a site for another church.—Building permits have been granted as follows: Thomas Howard, two brick houses, Oak ave., cost $2,000; George Chapham, frame house, Chatham street, cost $1,200; A. C. Havill, house on Main street, between Wentworth and Sanford ave., cost $1,400.—The manager of St. Andrews church purpose improving the building at a cost of $2,000.

WINNIPEG, MAN. — The Great West Development Co. want tenders for supply of material and construction of a cedar or tamarac wood pavement extending from Notre Dame ave. to Portage ave., about two miles.—The Canadian Bank of Commerce have purchased a site on Logan ave. for a branch office.—R. H. Moody will build a large block on west side of Albert street, north of Notre Dame.—Plans submitted by W. B. Lait, architect, for proposed Labor Temple, have been accepted.—James H. Cadham, architect, has just taken tenders on brick and stone warehouse on Ross ave. for Harry Leadley.—J. H. G. Russell, architect, wants tenders by 22nd inst. for all trades except galvanized iron work for erection of six-storey store and office building for J. H. Ashdown Hareware Co. Same architect has just taken tenders on a frame residence on Gertrude ave., Fort Rouge, for Miss M. Robertson. — The new residence of William Whyte, of the C. P. R., will be built on Wellington crescent.—R. Rogers, Minister of Public Works, will receive tenders up to 24th inst. for erection of Normal school in this city (exclusive of plumbing and heating), also up to 26th inst. for erection of Land Titles building at Neepawa, Man. Plans at office of S. Hooper, Provincial Architect, Parliament Buildings.—Dr. Devine will build a brick residence at corner of Osborne and Proud streets. — Darling, Pearson & Over, architects, have just taken tenders on erection of a building at Swan River, Man., for the Canadian Bank of Commerce.—Hooper & Walker, architects, desire tenders by 21st inst. for erection of brick veneer church at St. Charles, Man., for Rev. Father Thibeaudeau.—The School Board will call for tenders for erection of the John M. King school.—V. W. Horwood, architect, is taking tenders up to 24th inst. for erection of three brick stores on Notre Dame ave.

MONTREAL, QUE.—G. A. Monette, architect, has prepared plans for a school and academy to be built by the Congregation of the Holy Cross on Papineau ave., near St. Catherine street, four stories, 62x123 feet, cut stone and pressed brick, cost $40,000.—The Davies Co., Limited, of Toronto, intend building a large packing house at Point St. Charles.—L. O. David, City Clerk, wants bids by 20th inst. for general supplies, including cement, brick, tile pipe, lumber, iron castings and gulleys, crude asphalt, flagstone, granite and artificial paving blocks, etc.—The Finance Committee voted over $212,000 last week to various public works, including erection of two new fire stations, an incinerater for the east end and a public bath. The following grants were made to the Road Committee: Outlet for Delorimier sewer, $13,000; extension of sewage farm sewer, $20,000; safety valves, $1,000; permanent sidewalks, city's share, $50,000; macadam, $40,000; electric pump for Wellington street subway, $1,500; Elgin basin sewer, $75,000; Mount Royal avenue sewer, $10,000; small sewers, $5,000; making a total of $140,500.—The Directors of the Windsor Hotel have called a meeting of shareholders to ratify the decision to enlarge the hotel, at a cost of about a million dollars. The building will be 10 stories and will be designed by a Canadian architect.—Edward & W. S. Maxwell, architects, have prepared plans for a 4-storey pressed sand brick building to be erected on Philips square by Alfred Joyce.

TORONTO, ONT.—Darling & Pearson are taking tenders up to 20th inst. for erection of a bank building at London, Ont., for the Canadian Bank of Commerce.—Plans of cement sidewalk to be constructed on Dundas street, in village of Lambton Mills, Ont., may be seen at the office of Montgomery, Fleury & Montgomery, Canada Life Building, this city. Tenders close May 1st.—The Haliburton Whitney & Mattawa Railway Co. have been granted one year's extension of time for beginning work on their road, which will be 106 miles long.—The Presbytery of Toronto have decided to allow Knox church congregation to erect their new building either on Wilcox street near Spadina ave., or on Spadina ave. near Harbord street.—L. C. Sheppard, James Grang, E. A. English, Robert Locke and Edgar J. Reade are organizing a company to build an apartment house on the southeast corner of Berkeley and Queen streets, to cost about $2,000.—Plans of proposed additions and alterations to the drill hall in this city may be seen at the office of S. G. Curry, architect. Tenders close Friday, 28th inst.—C. H. Bishop, Superintendent of School Buildings, has been requested by the Board of Education to report upon a suitable site for a large school to be built in the old St. John's ward.—The following works will be undertaken by the city: Tar macadam roadway on Shaftesbury ave., from Yonge street to 1312 feet east, cost $8,032; asphalt pavement on McMaster ave., from Avenue road to Rathnally ave., cost $3,742; asphalt pavement on Oxford street, from Spadina to Augusta, cost $4,588; tar macadam roadway on Brock ave., from Bloor street to North end, cost $4,803; on Yarmouth road, from Christie street to Miles place, cost $3,600, and on Hamburg ave., from Bloor to Van Horne street, cost $15,969; asphalt pavement on Dufferin street, from King street south, cost $13,010.—Roderick J. Parke, of this city, is acting as consulting electrical engineer for the Niagara-Welland Power Co., which proposes to establish a large power plant near St. Catharines. Harry Symons, K. C., of this city, is president of the company.—The new building to be erected by the Canadian Bank of Commerce on south-west corner of Carlton and Parliament streets will be two stories, of brick and stone, cost $25,000.—The Property Committee of the Board of Education have decided in favor of a new heating system for Dufferin school, to cost about $10,000.—H. Graham & Son have recently sold property for building purposes to the following: Ed. Ferris, for pair residences corner Deleware ave. and Hepburn st.; P. Fraser, three residences, north-east corner Concord and Hepburn; J. H. Aberdeen, eight houses, north-east corner College and Gladstone; John Drummer, several residences, corner Concord and Bloor; H. M. Deth, ten houses, corner Dovercourt and Hepburn; George Martin, pair residences, Dovercourt road.—R. T. Newton intends building four houses on Ossington ave., near Dewson.—It is understood that the Henderson Roller Bearing Co. have purchased the factory at 785 King st. west and adjoining property and intend building.

CONTRACTS AWARDED.

MOOSOMIN, N. W. T.—Brick hotel: A.C. McDougall, contractor, cost $12,000.

WALKERVILLE, ONT. — Fifteen-room school building: Victor Williamson, contractor.

BRANDON, MAN. — New Y.M.C.A. building: Charles Hall, successful tenderer, $55,677.

RIVERSIDE, N.B.—W. E. Reld, architect, has let contracts for heating and ventilating Riverside Codsolidated school building to J. Steeves, of Hillsboro, a No.

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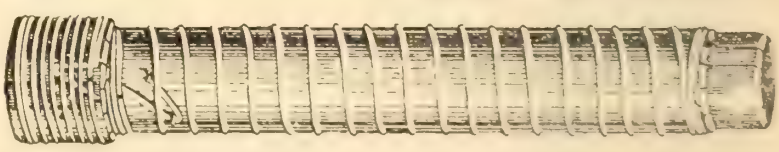

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30 "Kelsey" furnace to be used, price $1,600. The Metallic Roofing Co., Toronto, secured the contract for supplying the metal roofing and ceiling.

ST. THOMAS, ONT. — New waterworks pump: Allis-Chalmers Bullock, Montreal, successful tenderers, $14,500.

WINNIPEG, MAN. — The C. P. R. have awarded the following contracts: Bridges on the Emerson, Pince Albert and Portal sections, Grant, Smith & Co., Minneapolis; concrete arches and rail-top culverts on the Ignace, Rat Portage and La Riviers sections, Kelly Bros. & Shane; sections houses on stone foundations, at Sunshine, Poland, and Biota, Mr. McGreevy, of Port Arthur; at Minitaki and Barclay, Mr. McFadyen, of Dryden; at Pipestone, Reston, Antler, Redvers, Manor and Beresford, C. Bennel, Brandon; section houses on posts and sills at Boharm, Mortlach, Secretan, Ernfold, Herbert, Wasdeck, Aikens, Midale Ralf, McTaggart, Wilcox, Long and Hichcock, Mr. Creelman, of British Columbia; sixteen portable stations to be delivered to the company, C. Bennel, Brandon; portable stations at Balmoral and Crystal City, J. J. McDiarmid, Winnipeg.

TORONTO, ONT.—R. A. Rogers & Co. have been awarded the contract for concrete building of offices for the Canada Foundry Co., Toronto Junction, estimate about $20,000, also for concrete work for new Home Bank building, King and Yonge streets.—F. H. Herbert, architect, has awarded the following contracts: Five story warehouse, Mincing Lane, for John W. Cowan—Brick and carpenter work, John McLeod; painting and glazing, J. McCausland & Son; roofing and galvanized iron, W. E. Dillon; plastering, Duckworth Bros. Three story store and dwelling, Yonge and Dundonald streets, for Geo. J. Melhuish—Brickwork, F. Holmes; carpenter work, Thos. Westlake; plastering, Taylor & Nesbitt; painting and glazing, S. N. Hughes; galvanized iron, W. E. Dillon; roofing, R. Rennie & Son. Storage building, Toronto Junction, for Pugsley, Dingman & Co.—Brickwork, Joy & Needham; armored concrete, Expanded Metal and Fireproofing Company; galvanized iron work, Wheeler & Bain; roofing, Geo. Duthie & Son.

ST. JOHN, N.B.—Seven tenders were received by the City Council for proposed waterworks extension to Loch Lomond. The total amounts of the tenders for each of the four sections follow: George M. Bryne & Co., Boston—Sec. 1, $56,295; sec. 2, $46,550; sec. 3, $65,567; sec. 4, $40,300. C. E. Trumbull Co., Boston—Sec. 1, $54,500; sec. 2, $47,975; sec. 3, $61,217; sec. 4, $38,650. George McArthur & Joseph McVey, St. John—Sec. 1, $48,930; sec. 2, $33,860; sec. 4, $46,150. Gow & Palmer, Boston—Sec. 1, $55,910; sec. 2, $47,125; sec. 3, $64,325; sec. 4, $39,505. Boylston Construction Co., West Boylston, Mass—Sec. 1, $52,400; sec. 2, $39,832; sec. 3, $59,260; sec. 4, $37,380. W. B. Byrne, Boston—Sec. 1, $55,525; sec. 2, $41,570; sec. 3, $61,195; sec. 4, $37,950. B. Mooney & Sons, St. John—Sec. 1, $53,955; sec. 2, $51,139; sec. 3, $57,334; sec. 4, $36,640. It is understood that the work will be awarded to McArthur & McVey and B. Mooney & Sons, at a total of $176,764. The tenders received for 1,500 barrels of Portland cement were as follows: In barrels, from $2.73 to $3.50; in bags, from $2.53 to $3. For supply of 68 tons of cast iron pipe, the contract was awarded to D. Y. Stewart & Co. Five tenders were received, as follows: W. H. Thorne, 10 in., 6 in. and 4 in. pipe in 9 feet lengths, $30.60 per ton; in 12 ft. lengths, $31.80 per ton; total, $2,162.40 and $2,111.40. Vroom & Arnold, 10 in. pipe, $31.25; 6 in. pipe, $31.25; 4 in. pipe, $31.25; total, $2,125. D. Y. Stewart & Co., Halifax, 10 in. pipe, $29.84; 6 in. pipe, $30.34; 4 in. pipe, $30.84; total, $2,045. U. S. Cast Iron Pipe and Foundry Co., 10 in. pipe, $30.40; 6 in. pipe, $30.90; 4 in. pipe, $31.90; total, $2,628.20. Canadian Iron Works, 10 in. pipe, $31.25; 6 in. pipe, $31.25; 4 in. pipe, $32.25; total, $2,127.75.

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Brand.	Soundness. Faiji Test.	Specific Gravity.	Residue in per cent. on No. 100 Sieve	Setting in Minutes. Initial.	Setting in Minutes. Final.	Tensile Strengths in Pounds per Square Inch. Neat. 1 dy.	Neat. 7 dys.	Neat. 28 dys.	Neat. 3 mos	Neat. 1 yr.	3 (Sand) to 1 (Cement). 1 dy.	3 (Sand) to 1 (Cement). 7 dys.	3 (Sand) to 1 (Cement). 28 dys.	3 (Sand) to 1 (Cement). 3 mos.	3 (Sand) to 1 (Cement). 1 yr.	Where Made.
Alpha	O. K.	3.177	9.3	222	399	292	752	811	868	841	57	197	271	317	327	United States.
Atlas	O. K.	3.100	9.3	152	387	385	579	622	710	712	61	186	246	305	339	" "
Hercules	4% failed	3.159	7.1	120	240	292	696	836	777	711	51	174	222	242	231	Canada.
Imperial	O. K.	3.213	6.2	40	75	250	352	400	484	485	61	128	176	254	321	"
Lehigh	O. K.	3.183	9.1	166	356	348	746	849	897	880	73	201	273	334	361	United States.
Monarch	4% failed	3.154	7.5	176	355	366	653	701	731	701	66	173	242	303	355	Canada.
NATIONAL	O. K.	**3.135**	**2.1**	**162**	**345**	**307**	**701**	**783**	**827**	**804**	**74**	**214**	**299**	**367**	**368**	"
Rathbun's Star	O. K.	3.140	5.0	123	305	359	581	640	677	676	75	193	255	313	349	"
Samson	7% failed	3.118	6.3	107	252	257	462	525	583	612	67	163	231	284	338	"

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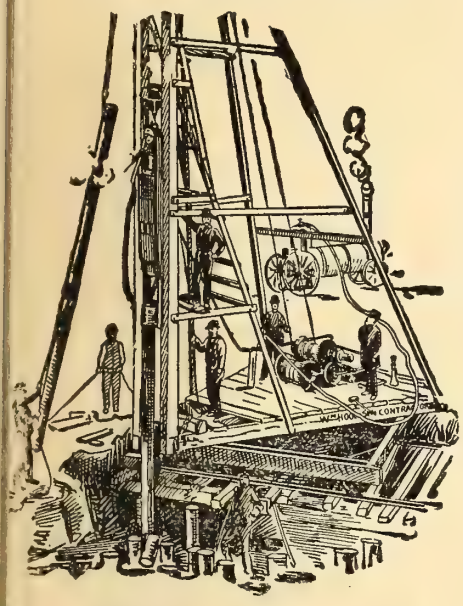

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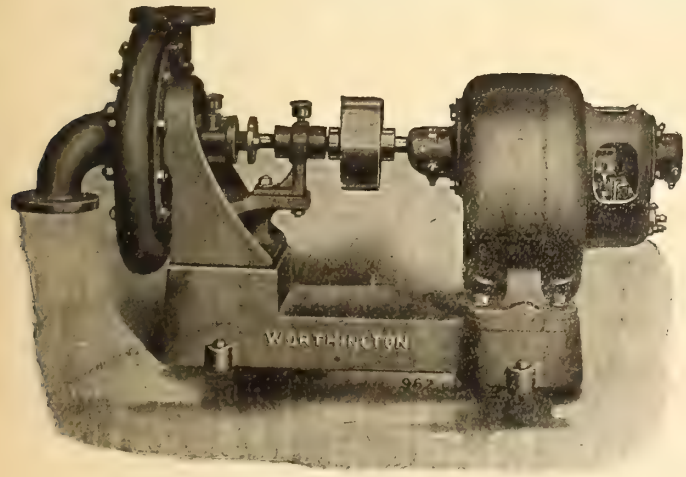

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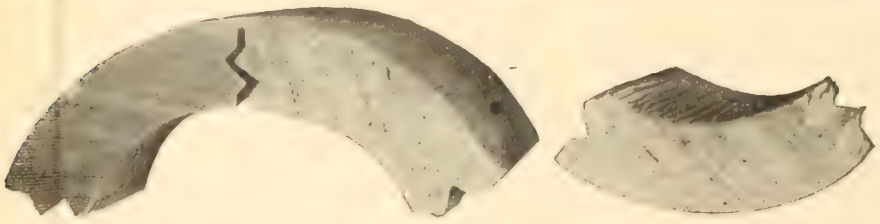
Montreal.

WIRE BOUND WOODEN PIPE

Success has been attained in the manufacture of water pipe from wood. A few words by way of description of the method of manufacture as witnessed at the factory of the Pacific Coast Pipe Company at Vancouver, B. C., will perhaps interest the reader. The pipes are made of Douglas fir, in lengths from 8 to 16 feet, and in interior diameter, from 2 to 24 inches. They are made from thoroughly kiln dried stock and are composed of three staves securely joined by a patent perfect double V joint.

The staves are concaved and the joint formed at one operation of a machine specially designed for the purpose, the knives being set for each size and each stave being a perfect segment. All imperfect material is rejected before the pipe goes to the banding machine. The material actually is made to pass three inspections, viz., first, at the mill; second when received, and third after the staves are made and before being placed in the banding machine.



PIPE MANUFACTURED BY THE PACIFIC COAST PIPE COMPANY.

The accompanying sectional view shows the patent double V joint uniting the staves and forming a joint so perfect that when the segments are put together, it appears to be a cylinder with a solid shell.

The machine which bands with wire the outside of the pipe, is much like a screw cutting lathe with a tension over which the wire passes to the pipe. The wire is heavily galvanized, extra pliable steel wire ranging from 8 to 2 gauge. It is put on the pipe at a tension of from ½ to ¾. The banding machine can be so adjusted as to space the wire any desired distance to lay solid on the pipe, the spacing being made to vary according to the specification of pressure required. All spacing is based on a factor of safety of 5.

The pipe next go to a heading machine where the ends are fitted either with tenons for inserted joint or wood sleeve coupling. From the factory they go to a tarring shed where they are rolled through a boiling mixture of tar and asphaltum, the wood taking a very heavy coating.

The Old English Fertilizers Co. is seeking incorporation, with a capital of $100,000. It is proposed to acquire certain plaster quarries at Wallace, N.S., and limestone quarries at Pugwash, N. S. W. W. Black, of Amherst is one of the promoters.

Winnipeg Prices of Building Materials

White Brick, kiln run, per M. on car	$12 00
White veneer brick, per M. on car	14 00
Red pressed brick, per M. on car	30 00 to 32 00
Red Sand Mould Brick	21 00
Pressed Bricks (except red)	30 00 to 40 00
Hollow Brick	13 00
Vitrified Paving Brick	38 00
Brown Pressed Brick	34 00
Water Struck Brick	35 00
Rain Wash Brick	35 00
Portland Cement, in carloads.	2 62
Dimension stone, per cubic ft.	30 c to 35 c
Common rubble, per cord, delivered	10 50
Select rubble, per c'd, delivered	11 50
Rough shoddy, per cubic yard	1 50
Concrete Stone, per cubic yard	1 25
Grey Lime, per bushel at quarry	22 c
Grey Lime, per bushel delivered	32 c
White Lime, per bushel at quarry	22 c
White Lime, per bushel delivered	32 c
American hard wall plaster, per ton f.o b.	15 00
Manitoba hard wall plaster, per ton f.o.b.	15 00
Ordinary hard wall plaster, per barrel	3 25
Pitch pine hard wall plaster, per barrel	4 50
Building papers, Anchor, plain	65 c
Building papers, Cyclone and Jubilee, plain	77½
Building papers, Anchor, tarred	70 c
Building papers, Cyclone and Jubilee, tarred	80 c
Building papers, Shield, tarred	65 c

Sewer Pipe, 3 in., 8½ c; 4 in., 10½ c; 5 in., 14½ c; 6 in., 16½ c; 8 in., 25 c; 9 in., 30 c; 10 in., 36 c; 12 in., 45 c; 15 in., 75 c; 18 in., $1.00; 20 in., $1 50; 24 in., $2 00.

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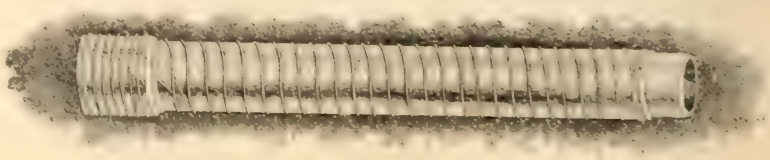

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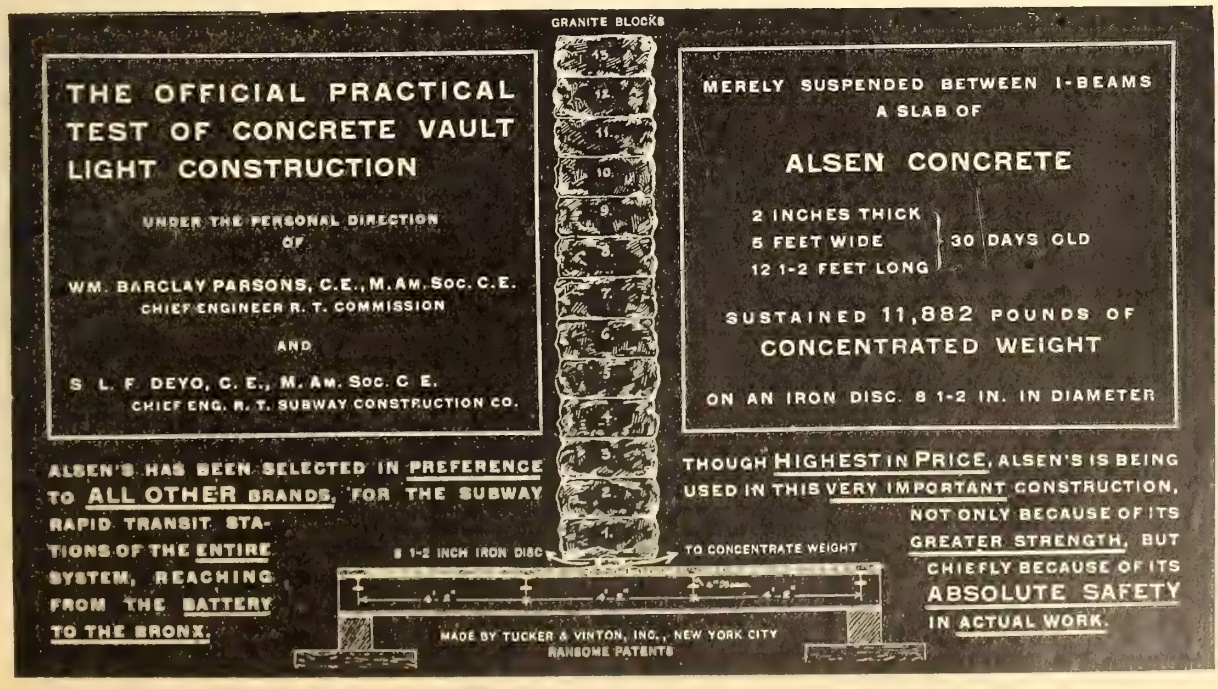

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CAR OR CARGO LOTS, F.O.B. TORONTO.

	Per M. Ft.	
1 inch No. 1 Pine cuts and better	$48.00 to	$50.00
1½ to 2 inch No. 1 cuts and better	51.00	53.00
1½ to 2 inch No. 3 cuts and better	38.00	39.00
1 inch Pine Dressing and better shorts	25.00	27.00
1 x 4, 6 and 8 Common	18.00	19.00
1 x 10 and 12 Common	19.00	21.00
1 inch mill run sidings	21.00	22.00
1 inch mill run	20.00	21.00
1 x 10 and 12 mill culls	15.00	16.00
1 inch dead cull sidings	12.00	13.00
1½ inch Flooring	26.00	27.00
Hemlock, 1 x 4 to 8 inch	14.50	15.50
2 x 4 to 10 inch, 10 to 16 feet	15.00	16.00
2 x 4 to 10 inch, 18 feet	16.00	17.00
1½ inch No. 1 4 ft. Pine Lath	3.40	3.60
1½ inch No. 2 4 ft. Lath	3.00	3.10
1½ inch No. 1 4 ft. Hemlock Lath		2.80
XXXX Pine Shingles	2.90	3.00
XXX Cedar Shingles	2.80	2.90
B. C. Shingles:		
XXX 6 butts to 2 inch		2.90
XXXX 6 to 23-16 inch		3.10
XXXXX 5 to 2 inch		3.45

HARDWOODS—PER M. FEET CAR LOTS.

Ash, white, 1sts and 2nds, 1 to 2 inch	$33.00 to	$35.00
Ash, black, 1sts and 2nds, 1 to 1½ inch	27.00	29.00
Birch, M. R. 1 inch	22.00	24.00
" 1½ inch to 2	23.00	25.00
Basswood, Common and better, 1 to 1¼ inch	24.00	25.00
Basswood, 1½ to 2 inch	25.00	26.00
Elm, soft, mill run, 1 to 1½ in.	24.00	25.00
Elm, rock, mill run, 1 to 1¼ in.	24.00	26.00
Maple, common and better, 1 to 1½ inch	21.00	22.00
Oak, red plain, 1sts and 2nds, 2 to 4 inch	44.00	46.00
Oak, white, 1sts and 2nds, 1 to 1½ inch	42.00	44.00
Oak, quartered, 1sts and 2nds	70.00	80.00

SLATE.	Toronto.	Montreal.
Roofing (⅜ *squares*).		
red	20 00	20 00
purple	9 00	10 00
unfading green	10 00	11 00
black	9 00	9 00
Terra Cotta Tile, per sq	23 00	25 00
Ornamental Black Slate Roofing		77 00

(Continued on page 13.)

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Hanover, Ontario

Manufacturers of the Celebrated

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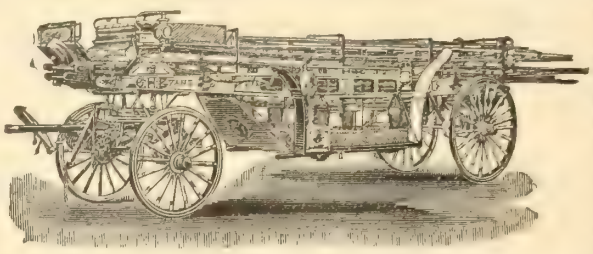

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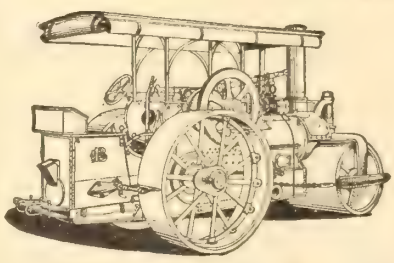

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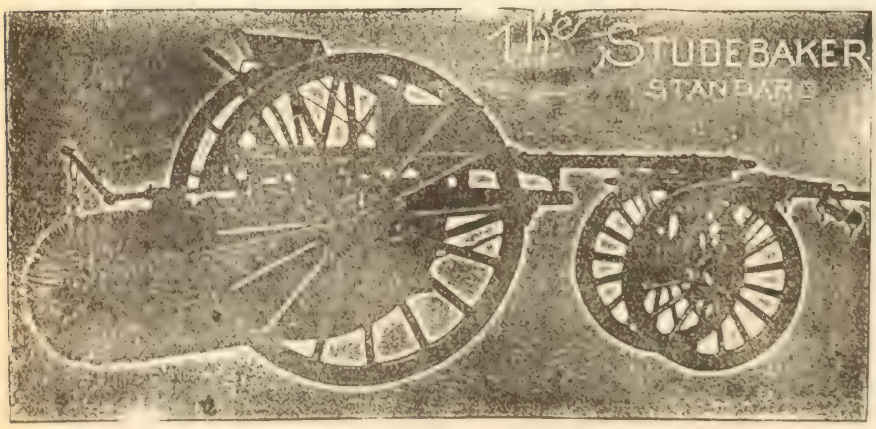

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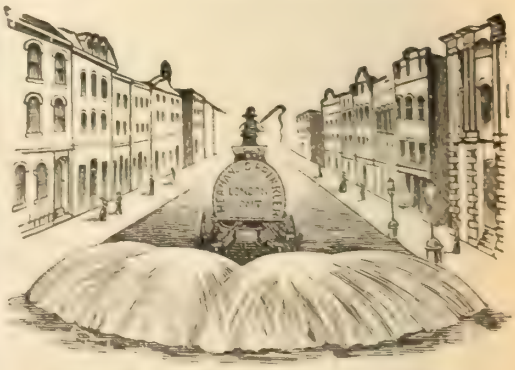
Because no sweeper so effectually does the work for which it is designed as "The Studebaker." It Sweeps Clean. No sweeper is constructed with the same degree of care and mechanical precision. It Wears Well. "The Studebaker" has the smallest number of working parts, and has less gearing than any other sweeper made. It is free from all unnecessary complications. With reasonable care it does not get out of order. Send for complete descriptive catalogue.



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We also make an . . .

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Prices of Building Material

(Continued from page 12.)

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DON VALLEY BRICK WORKS.

Nos. 1, and 2, Red Pressed Bricks
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No. 1 Brown Pressed Brick
Pompeiian Red, Buff and Brown Pressed Bricks
Ornamental Bricks of all kinds for Mantel purposes
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Porous Terra Cotta Fireproofing of all Descriptions
Vitrified Street-Paving Bricks
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Common Stock Red and Grey Bricks
Sewer Bricks
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Please write to head office, 34 Toronto St. Toronto, for catalogue and prices.

TORONTO PRESSED BRICK AND TERRA COTTA WORKS

	F.O.B. Milton, Ont.
Red No. 1	13 00
" 2	15 50
" 3	9 00
Buff No. 1	15 00
" 2	13 00
Brown	25 00
Roman Red	30 00
" Buff	35 00
" Brown	40 00
Hard Building	8 00
" Sewer	7 00
" Backing	6 00

Moulded and Ornamental from $2.00 to $5.00 per 100'
Terra Cotta String Courses and Frieze, from 50c. to $2.00 per ft. run.
Roofing Tiles, $20.00 per 1,000.

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	F.O.B. Beamsville.	F.O.B. Montreal.
Red Peerless Facing	$16 00	$21 50
" No. 1	14 00	19 50
" No. 2	12 00	17 50
" No. 3	10 50	15 00
Brown Peerless Facing	20 00	25 50
" No. 1	18 00	23 50
Buff Peerless	20 00	25 50
" No. 1	18 00	23 50
" No. 2	15 00	20 50
Moulded and Ornamental Brick from $3 to $10 per C:		
Roman Red (Size 12 x 4 x 1½ in.)	30 00	35 50
" Buff " "	30 00	35 50
" Brown " "	34 00	39 50
Vitrified Paving Brick No. 1	18 00	23 50
" " " No. 2	15 00	20 50
Sewer	8 00	13 50
Roofing Tile	22 00	20 00

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TORONTO POTTERY CO.	F. O. B. Toronto Car lots	Less
Bond	20 00 M.	25 00 M.
W. W. Co.	22 50 M.	27 50 M.
Savage Crown	28 50 M.	32 00 M.
Ramsay		30 00 M.

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No. 1 "	29 50
" 2 "	22 00

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(Continued on page 14)

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Prices of Building Material

(Continued from page 13)

STONE.	Toronto.	Montreal
Common Rubble per toise, delivered at building	13 50	11 00
Large flat Rubble, per toise, delivered	14 00	18 00
Foundation Blocks, per c. ft.	40	50
Granite (Stanstead) Ashlar, 6 in. to 12 in., rise 9 in., per ft.		25
Amherst Red Sandstone Amherst, N.S., per cub. ft. on cars at quarry 40c . . at quarry		40
Sackville, N.B., brown or red stone f. o. b. Quarries	45	45
ashlon	30	40
Myers-Northport Red or River Philip Gray Sandstones f.o.b. per cubic foot	75	65
Stanstead granite paving blocks, 8 in. to 12 in. x6 in. x4½ in. per M		50 00
Granite curbing stone, 6x 12 in. per lineal foot		70
Buctouche Olive Freestone	85	65
Olive Sandstone (Indiantown, N. B)	80	70
Brown Sandstone (Sackville, N. B.	80	70
Moat red sandstone, per cu. ft.		60
Black Pasture buff stone per cu. ft.		50
Hagersville Crushed Stone per ton	1 25	
Nova Scotia blue grey, per cu. ft.		65
Coursers, 6 to 8 in. f. o. b. St. Mary's. per cord		7 00
Footing, 6 to 10 in. per cubic ft.		15
Dimension Stone, f. o. b. St. Mary's, per cubic foot		35
Granite (Laurentian Pink) Ashlar, 6 to 12 in., rise 9 in., per c ft.		25
Dimension Stock Granite, (Laurentian Pink) for building purposes, per c. ft., f.o.b. quarries		40
Do., for polishing purposes, up to 2 tons weight, per cubic foot		70
	F.O.B. Halifax	
Dimension stock granite for building purposes, per cu. ft.		40
Do., for polishing purposes, up to 2 tons weight, per cubic ft.		1 00
Paving sets, per thousand block		60 00

CREDIT VALLEY STONE.	F.O.B. Quarries.
Rubble, per ton	60
Brown Coursing, up to 10 per sup. yard	1 75
Brown dimension, per cub.	70
Grey coursing, per sup. yard	1 25
Grey dimension, per cub. ft.	40

ROMAN STONE.	F. O. B. Factory.
6" x 3" Sills, tooled seated and throated 35c. per lineal foot	
Window Heads and Ashlar, 40c per square foot	
Window and Door Quoins tooled 40c. per superficial foot	
String Courses, Molded or Ornamental, 6" to 12" rise 50c to $1.50 per lineal foot	
Hollow wall tooled finish 14" thick 40c. per square foot	

LIME.	Toronto.
White Lime, per ton, Delivered	$8 00
Grey " " "	7 00

PORTLAND CEMENT

(CARLOADS.)

Canadian (Packages, 350 lbs. net.):	Toronto.		Montreal	
Rathbun's Star	1 75	2 00	2 20	2 30
Trowel			1 85	1 95
Samson	1 75	1 85		
Magnet	1 55	1 65		
Monarch	1 80	1 90	1 90	2 00
Hercules	1 75	1 75		
Imperial		1 80		
Crescent 375 lbs. gross	2 30	2 40	1 95	2 05
Diamond 350 " "	2 20	2 30	1 85	1 95
"Giant" Brantford	1 70	2 00		
American (in Bags)				
"Helderberg"			1 90	2 00
Alsen				2 25
Lehigh, in bbls., 375 lbs.		2 35	2 10	2 20
" cotton sacks, 350 net		2 00		2 00
" paper bags		2 10		1 85
"Iron Clad" in bags 350 lbs.			1 80	1 90
"Invicta" " " "			1 65	1 70
"Adirondack" " " "			1 50	1 65
Old Reliable "Giant"	1 80	1 85		2 00
"Improved Union"	1 70		1 80	1 85
"Union"	1 50		1 60	1 65
Vulcanite (The Toronto Pottery Co., Limited. Toronto) 350 lbs. per bbl.				
In paper bags		1 80		
" wooden bbls		2 00		
" cotton bags		2 10		
English in Barrels):				
Brook's Shoobridge Anchor	2 35	2 40	2 00	2 10
Whites	2 35	2 40	2 05	2 15
Belgian (in Barrels):				
"Josson"	2 60	2 70	2 20	2 30
"North's Condor	2 05	2 10	2 25	2 30
"White Cross"	1 90	2 00	1 75	1 80
Hammer			1 80	1 90
White Star	2 15	2 25	1 90	2 00
Samson			1 80	1 90
German (in Barrels):				
Offenbacher				2 35
Alsen	2 65	2 95		2 40
Dyckerhoff	2 65	2 75		2 40
Hercules	2 25	2 35		2 15

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SIZES, 8 x 10 9 x 15 10 x 20
STATIONARY, 10½ x 22 12 x 28

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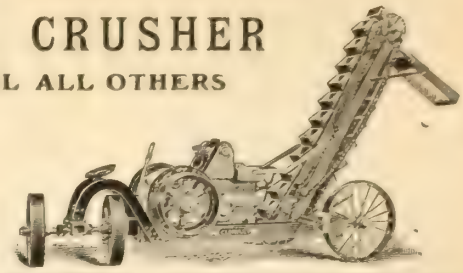

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Our latest pamphlet "THE TEST OF TIME" mailed on application.

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50 Bleury Street, MONTREAL

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Importers of

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BEAVER POST HOLE DIGGER

No wood to rot, check or break.
Will pay for itself in one day.

CANADA FOUNDRY COMPANY LIMITED

Head Office and Works: TORONTO, ONT.

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RANSOME MIXERS produce the highest grade of concrete at high speed with the least possible expenditure for labor, and will handle concrete or cement mortar with equal efficiency.

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SIMPLE IN MECHANISM.
RUNS WITHOUT VIBRATION, AND REQUIRES LESS POWER THAN OTHER CRUSHERS

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CANADIAN

Contract Record

A Weekly Journal of Public Works, Tenders, Advance Information and Municipal Progress

This Paper Reaches Every Week the Town and City Clerks, Town and City Engineers, County Clerks and County Engineers, Purchasers of Municipal Debentures and Leading Contractors in All Lines Throughout Canada

VOL. 16. TORONTO, MONTREAL, WINNIPEG, APRIL 26, 1905 No. 9

THE CANADIAN CONTRACT RECORD
PUBLISHED EVERY WEDNESDAY

As an Intermediate Edition of the Canadian Architect and Builder.

THE C. H. MORTIMER PUBLISHING COMPANY
of Toronto, Limited,

Subscription Price, $2 per annum, payable in advance.

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OLD DOORS WANTED

I am open to buy a few walnut doors from old buildings being torn down. Please state sizes, prices, or telephone M. 2701. JAS. ROBERTSON, 10 Front St. E., Toronto.

TOWN OF GALT

TO CONTRACTORS

Tenders will be received by the undersigned up to 6 p. m., MONDAY, MAY 1st, for the construction of about seven miles of Sewers and four miles of Storm Drains Plans and specifications may be seen and forms of tender obtained at the office of the Engineer, Wm. Mahlon Davis, Berlin, or the Town Clerk, Town Hall, Galt, after SATURDAY, 15th INST.

The lowest tender not necessarily accepted.

J. McCARTNEY, Town Clerk.

City of Brandon

WATER WORKS

Sealed tenders, addressed to Mr. Geo. R. Coldwell, Chairman of the Water Works Committee, for the laying of the following approximate quantities of C. I. water pipe, will be received by Mr. J. B. Whitehead, City Clerk, until 12 o'clock, noon, on MONDAY, MAY, 1ST, 1905:

APPROXIMATE QUANTITIES.

1,500	lineal ft.	of 12 in.	C. I.	pipe.
2,200	"	" 10 in.	"	"
1,600	"	" 8 in.	"	"
16,000	"	" 6 in.	"	"

Including all hydrants, valves, and specials required for the extensions.

All of the material will be furnished by the City of Brandon.

An accepted cheque on a chartered Bank of Canada, or a cash deposit equal to 5% of the total amount of the tender, must accompany each tender.

The Council does not bind itself to accept the lowest or any tender.

Plans, specifications, form of tender, etc., may be seen or obtained at my office, City Hall, Brandon, Man.

W. H. SHILLINGLAW, City Engineer.

Brandon, Manitoba, Canada, April 5th, 1905.

Debentures for Sale

Tenders will be received at the Clerk's Office, Seaforth, up till noon, MAY 8th NEXT, for $4,000 Four Per Cent. Debentures payable at the expiration of 19 years from January 18th, 1905. Interest payable annually.

No tender necessarily accepted.

WM. ELLIOTT, Town Treasurer.

Seaforth, April 14th, 1905.

TENDERS

will be received by the undersigned up till 5 o'clock p.m. SATURDAY, MAY 6TH, for the installation of a complete heating and ventilating plant in the Central School Building, Galt, Ont.

Plans may be seen and all information obtained at my office.

The lowest or any tender not necessarily accepted.

F. W. MELLISH, Architect,
Galt, Ont.

TENDERS FOR BRIDGE

Sealed tenders, addressed to the Reeve, Arran Township, will be received up to 6 p. m. MONDAY, MAY 1ST, for the construction of following:

(1) Two concrete abutments containing some 200 c. yds.

(2) One Steel Bridge 100 feet span C-C, 16 foot roadway, L. load 80 lbs. per sq. ft. and moving load of 6 tons on 6 ft. axles.

(a) Bridge as above with cedar floor and steel joints.

(b) Bridge as above with steel joists floor to be furnished by Corporation.

Site, Black's Bridge, near Allenford.

An accepted bank cheque, payable to Treasurer Township of Arran, for the amount of 5 per cent., must accompany each tender, the same to be forfeited if the tenderer decline the contract or fail in the performance thereof, and to be returned in case of non-acceptance.

Plans and specifications may be seen at the Reeve's or Engineer's offices.

The lowest or any tender not necessarily accepted.

R. NICOLSON, Esq.,
Reeve, Tara.

R. McDOWALL, C. E.,
Engineer, Owen Sound, Ont.

TOWN OF PORT ARTHUR

TENDERS

Sealed tenders, addressed to the Chairman of the Electric Railway and Light Commissioners, will be received at the office of the undersigned up to 12 o'clock, noon, of FRIDAY, MAY 5TH, 1905, for the purchase of the following Electrical Machinery:

One (1) 150 H. P. Wheelock Compound Condensing Engine.

One (1) 80 H. P. Boiler, Shafting, Pulleys and Belting.

One (1) 500 Volt 45 K.W. Railway Generator.

One (1) 60 K.W. 2000 Volt 125 Cycle Alternator. With all necessary switch-board and attachments.

All of which can be inspected at the power house at Current River, Port Arthur.

Tenders will be received in whole or in part.

Tenders to be marked "Tenders for Electrical Machinery."

The lowest or any tender not necessarily accepted.

J. McTEIGUE,
Secretary Electric Railway and Light Commissioners.

Corporation Offices, Port Arthur, Ont., March 28th, 1905.

TENDERS

will be received up to MONDAY, MAY 1ST, next, by the undersigned, for building of 1500 square yards, more or less, of Concrete Walks in the Village of New Hamburg. Specifications on application to

WM. MILLAR, Clerk.

New Hamburg, April 13, 1905.

TENDERS

For supply of from 400 to 600 Barrels of

PORTLAND CEMENT

Sealed tenders, addressed to Mayor G. M. Farrington, for the supply of from 400 to 600 barrels of cement, will be received up to 6 o'clock. p. m. on MONDAY, MAY 1st, 1905.

Cement to be used for sidewalk construction. Price to be quoted f. o. b. Picton, car or boat.

The lowest or any tender not necessarily accepted.

R. A. NORMAN, Town Clerk.

Town Clerk's Office, Picton, April 10, 1905.

Street Paving and Sidewalk Tenders

Sealed tenders will be received by the undersigned up to 7 o'clock p.m., THURSDAY, MAY 11TH, 1905.

(a) For laying approximately 22,800 square yards of Asphalt Block on Ontario and Market Streets.

(b) For laying approximately 7,900 square yards of Vitrified Brick on Downie and Brunswick Streets.

(c). For laying approximately 211,000 square feet of Concrete Sidewalk.

Plans and specifications may be seen and forms of tender and other information obtained at the office of the undersigned, after May 1st.

The lowest or any tender not necessarily accepted.

ANGUS SMITH, City Engineer,
Stratford, Ont.

CONTRACTS OPEN.

WINDSOR, ONT.—The City Council propose to take steps to enlarge the electric light plant.

WROXETER, ONT. — The by-law to provide for a new town hall was carried by the ratepayers.

WOODSTOCK, ONT.—A proposal to erect a Y. M. C. A. building is favorably regarded by the citizens.

ELORA, ONT. — The Council will issue $2,500 of debentures for construction of cement sidewalks.

TILBURY, ONT.—A by-law will be submitted to the ratepayers to provide for the erection of a town hall.

GEORGETOWN, ONT. — The County Council have decided to build

the proposed House of Refuge at this place.

PARRY SOUND, ONT. — J. H. Tolly will build a residence on Rosetta street.

GLENSMITH, MAN.—J. B. Hall, formerly of Portage la Prairie, purposes building a residence here.

BRANDON, MAN.—Tenders close this week for erection of building for the Canadian Bank of Commerce.

CHIPMAN, N.B.—W. E. Reid, architect, of Riverside, is preparing plans for new school building here.

DOMINION CITY, MAN.—James A. Laing is taking tenders up to May 1st for erection of a school house.

REGINA, N.W.T.—A. W. Reidle, of Winnipeg, has purchased a site and will build a $40,000 brewery here.

PINCHER CREEK, N.W.T.—The construction of a waterworks system is to be proceeded with immediately.

STELLARTON, N.S. — Residences will be built by A. C. Chisholm, J. W. Henderson and Malcolm Murray.

OTTAWA EAST, ONT.—The ratepayers seem to be in favor of building a new school to cost about $10,000.

PRESTON, ONT.—Burke & Horwood, architects, Toronto, will furnish plans for new Baptist church here.

INDIAN HEAD, N.W.T. — The congregation of St. Andrews church have purchased a site on which to build.

LEAMINGTON, ONT. — Arthur Brown will build a $4,000 residence on corner of Erie and Russell streets.

FLORENCE, ONT. — Tenders are invited by Eugene Walker up to May 15th for construction of sidewalks.

BUXTON, ONT. — A. E. Robinson desires tenders by 28th inst. for erection of a Forresters' hall in South Buxton.

SALISBURY, N.B. — George W. Gaynor will receive tenders up to 29th inst. for erection of school house here.

DUNDAS, ONT.—L. P. Spittal will build two residences.—B. Racey will build a residence on Sydenham street.

EXETER, ONT.—If given a renewal of franchise for 15 years, C. B. Snell offers to install a new electric light plant.

BRACEBRIDGE, ONT. — Willis Chipman, C.E., of Toronto, has been engaged to report on waterworks extension.

RESTON, MAN. — The Manitoba Hardware Co. intend erecting a large building on corner of Fourth and Second ave.

EAST TORONTO, ONT. — Dr. Waters is erecting a fine residence on corner of Swanwick ave. and Enderly road.

HARRISTON, ONT.—James Rankin desires tenders by 29th inst. for erection of residence. Plans by George Gray.

RAINY RIVER, ONT.—R. A. Howe will build an addition to his residence.—The new R.C. church will be commenced shortly.

PETERBORO, ONT.—E. W. Argus, architect, is this week taking tenders on a two storey brick dwelling and similar stable.

STURGEON FALLS, ONT.—A two-storey business block will be built by J. Bradford on corner of King and John streets.

CHARLOTTETOWN, P.E.I.—The congregation of St. James' Presbyterian church have decided to build a new manse.

DURHAM, ONT.—A by-law granting a bonus to the Durham Furniture Co. was carried last week by a large majority.

MAPLE CREEK, N.W.T. — The village is offering for sale $287,360 5 per cent. debentures. Particulars from J. C. Dixon.

CARBERRY, MAN.—The Council have reached an agreement with J. H. Boyes for the installation of an electric light plant.

SWAN LAKE, MAN. — Ruttan & Fitzpatrick will build a large store on corner of Front and Third streets, of concrete blocks.

INGERSOLL, ONT.—A by-law to give a loan of $20,000 to the Ingersoll Nut Co. to build a factory here will be voted on May 16.

NEW WESTMINSTER, B.C.—It is stated that A. Tait, of Orillia, Ont., is considering the building of another saw mill in this city.

TRURO, N.S.—D. Pottinger, manager Intercolonial Railway, is taking tenders up to 29th inst. for construction of freight shed at this place.

MINNEDOSA, MAN.—The by-law to borrow $6,000 for additional school accommodation was defeated by the ratepayers on the 14th inst.

HEMMINGFORD, QUE.—Tenders have just been taken for erection of a presbytery here, on plans by J. O. Turgeon, architect, Montreal.

PORT DALHOUSIE, ONT. — E. Murphy wants tenders by 29th inst. for erection of two-storey brick residence, with basement and attic.

THOROLD, ONT.—R. E. Speakman, C.E., of St. Catharines, has reported that a satisfactory system of waterworks can be installed here for $50,000.

EDMONTON, N.W.T.—Mr. Wize, architect, is preparing plans for a $25,000 school to be built at Strathcona, also a $16,000 Presbyterian church.

ARCOLA, N.W.T.—Plans are being prepared for new store to be built by Hamelin Bros. & Co, 50×115 ft., 2 stories, brick, stone foundation.

WESTMOUNT, QUE.—The Council have adopted a by-law to obtain a loan of $250,000 for the construction of roadways, sidewalks and drains.

NEWMARKET, ONT.—Dr. C. H. R. Clark is taking tenders up to May 1st for erection of brick veneered residence. Plans by O. E. Tench, architect.

CARGILL, ONT.—The new hotel to be built this summer by Mr. Powers will consist of a main building 45 × 65 ft., 3 stories, with a two-storey annex.

PORT COLBORNE, ONT. — The Dominion Government will shortly call for tenders for facing with cement 4,000 feet of pier here, cost about $26,000.

GREENWOOD, B.C.—Mr. Pemberton, manager of the Montreal and Boston Consolidated Co., states that it has been decided to erect a converter plant.

PORT ELGIN, N.B.—E. B. Allen and C. Matheson intend building a block on Main street.—The question of building a new school is under consideration.

MOOSOMIN, N.W.T.—Plans have been completed by F. R. Evans, architect, of Winnipeg, for general hospital here, 3 stories, brick, cost about $10,000.

SUTTON, QUE.—The Sutton Lumber Co. have purchased a site in the centre of the village and are said to be interested in the proposed erection of a large hotel.

DAUPHIN, MAN.—The ratepayers have voted almost unanimously in favor of raising $25,000 to install an electric light plant and $10,000 to complete the fire and town hall.

ST. CATHARINES, ONT. — B. C. Fairfield will build a double brick veneered house on Academy street, to cost $4,000. L. H. Collard will build a frame house on Midland street, cost $4,000.

OWEN SOUND, ONT. — W. W. Stewart, architect, Hamilton, is preparing plans for new Sunday school building for Knox church.

ANTIGONISH, N.S. — F. Gelinas, Secretary Department of Public Works, Ottawa, will receive tenders up to Wednesday, May 3rd, for construction of post office building here.

EMERSON, MAN.—The Emerson-Roseau Power Co. has been organized here, with A. H. Logan as secretary; capital $200,000. It is proposed to develop electric power.

PAISLEY, ONT. — The County Council will consider tenders at the June session for a steel bridge on cement abutments to replace McCalder's bridge, 220 ft. span, cost about $8,000.

NORTH SYDNEY, N.S.—At a public meeting in May the Council will submit proposals respecting aid to be granted to the proposed railway, dry dock and wrecking and salvage plants.

MACLEOD, N.W.T.—The Council have decided not to accept the proposition of Mr. Grant for construction of waterworks system. An expert will be engaged to report upon the most suitable system.

STRATHCONA, N.W.T.—A. J. McLean, who has been appointed town engineer, will immediately commence the preliminary work in connection with construction of waterworks and sewerage systems.

ST. THOMAS, ONT.—Norsworthy & Co. will build a $5,000 addition to their foundry.—James A. Bell, City Engineer, desires tenders by 28th inst. for building concrete abutments for St. George street bridge.

LUNENBURG, N. S.—The Town Clerk has been instructed to communicate with F. A. Barbour, C. E., regarding terms upon which he would be willing to superintend the construction of a sewerage system.

VIRDEN, MAN.—Concrete sidewalks to the value of $2,478 will be constructed this summer.—The by-law to provide $25,000 by debentures for erection of 8-room school was carried by the ratepayers last week.

KINCARDINE, ONT.—Norman W. Ford, of Toronto, has submitted to the Town Council a proposition for the conversion of the Rightmyer property, corner of Durham and Huron Terrace, into a summer hotel and sanitarium.

NIAGARA FALLS, ONT. — John Ellis will build a residence on Welland ave.—The Imperial Bank have again taken tenders on erection of proposed building at corner of Bridge street and Clifton ave.

ORILLIA, ONT.—The proposed hospital, for which a canvas for funds is now being made, is estimated to cost $15,000.—J. H. Wilson intends building a brick block, two stories, 50 feet frontage, divided into three stories.

GUELPH, ONT.—According to the report of Engineer Baxter, of Windsor, the proposed extensions and improvements to the gas works will cost $65,000. The question of extending the electric light plant at the same time has also been considered.

SYDNEY, N.S.—The Dominion Iron & Steel Co. are preparing for the erection of a plate and angle mill.—The Cape Breton Coal, Iron & Railway Co. are about to erect buildings at their colleries at Broughton, to include general offices, hotel and private residence.

GALT, ONT.—F. W. Mellish, architect, desires tenders by May 6th for in-

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THE ENGINEER RECOMMENDS THEM

because he knows that they can be depended upon to turn out the highest quality of concrete and keep up with the work.

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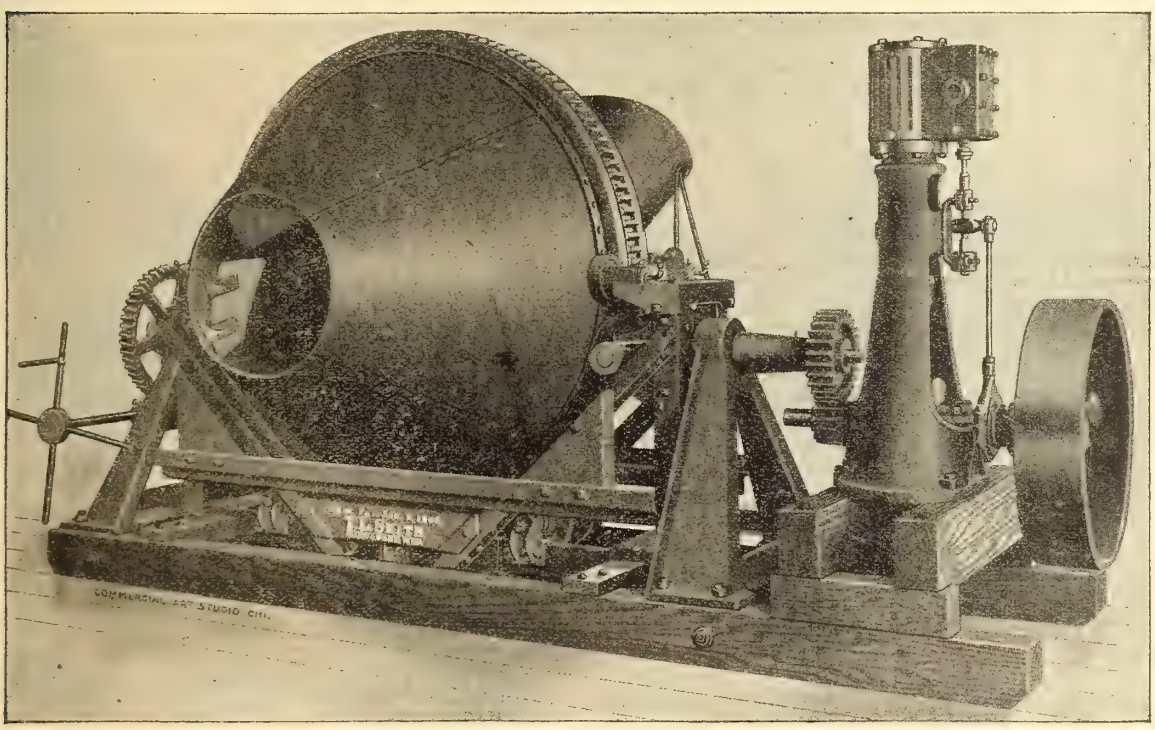
because they bring him quick returns and are simple, strong and durable.



No. 5 MIXER ON SKIDS WITH ENGINE

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ON SKIDS OR TRUCKS WITH OR WITHOUT POWER WITH STEAM OR GASOLINE ENGINE

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If Not Write For It; It Contains Some Good Hints

W. H. C. MUSSEN & CO.

RAILWAY, MINING AND CONTRACTORS' SUPPLIES.

MONTREAL

stallation of a heating and ventilating plant in the Central school building.—By-laws were carried here last week to provide for waterworks construction and $35,000 for erection of Collegiate Institute.

NELSON, B.C.—The West Kootenay Power & Light Co., of Rossland, are applying for 112,000 miners' inches of water on the Kootenay river, and if the application is granted propose to construct a large dam. — The Northwest Coal & Coke Co. will build a railroad and develop coal areas in the Alberta district.

CALGARY, N.W.T. — Lawson & O'Gara are taking tenders up to 29th inst. for block on corner of Eighth ave. and First street east for David McDougall, 50 x 130 ft., 3 stories and basement, cut stone and pressed brick, cost about $60,000. They are also calling for tenders for new Presbyterian church.

FERNIE, B. C.—Thomas Fawcett purposes building a residence on McPherson ave.—The Imperial Oil Co. will erect a storage warehouse 60 x 20 feet. Later on an oil tank may be bult.—William Henderson, of Victoria, architect for the Dominion Government, was here recently in connection with proposed new post office. The building will likely be built of grey granite and cost about $70,000. The foundation will be built this summer.

STRATFORD, ONT.—The Finance Committee have recommended that the City Council submit a by-law to the ratepayers to give a bonus of $25,000 to the C.P.R. for purchase of right of way and $10,000 to cover the cost of approaches to the proposed subways at Mary and Huron streets.—Tenders will be invited for construction of culverts.

COLLINGWOOD, ONT. — John Wilson, architect, has prepared plans for the reconstruction of H. S. Lindsay's stores on Hurontario street, also for a large addition to the pork packing house at Aylmer for the Wm. Ryan Packing Co., of Toronto.—F. T. & F. A. Hodgson have purchased the property occupied by E. Fair & Co. and intend rebuilding at once, the ground floor to include two stores and the upper floor offices and a large hall.—John Wilson has completed plans for a new grist mill for the Osprey Farmers Milling Co. at Feversham.

BRANTFORD, ONT. — James A. Smith, Clerk Township Brantford, desires tenders by 29th inst. for constructing two concrete abutments for steel superstructure of bridge.—Peter Wood proposes to make improvements to the Kerby House, cost $9,000.—New boilers may be installed in the waterworks pumping station.—The Sharples Tubular Separator Co., of West Chester, Pa., are negotiating for the old Cockshutt works in this city with a view to establishing a Canadian factory.

CHATHAM, ONT.—J. L. Wilson & Sons, architects, are taking tenders up to 29th inst. for erection of frame residence, brick foundation, for Edward Marshall. Same architects have just taken tenders on cut stone and brick residence on Inches ave.—The Defiance Iron Works expect to commence the construction of a $25,000 plant at an early date.—The promoters of the Windsor, Essex and Lakeshore Electric Railway Co. were in the city last week and

THE GOOD ROADS MACHINERY COMPANY, LIMITED, Hamilton, Canada

Our No. 4 "CHAMPION" Mounted Rock Crusher with Elevator and Chute Screen

The Very Latest "UP-TO-DATE" Portable Mounted Outfit Manufactured

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Patented June 7th, 1904.

The Steel "CHAMPION" Rock Crusher is the result of years of practical experience in crushing Rock from the limestone Ridges to the very hardest Syenite Rock. For crushing hard Boulders they have been proved to be superior to all competitors.

All mechanics agree that the simpler the machine the more valuable it is. In complicated machines look out for trouble and expense.

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Good Roads Machinery Company, Limited, JOHN CHALLEN, President and General Manager.

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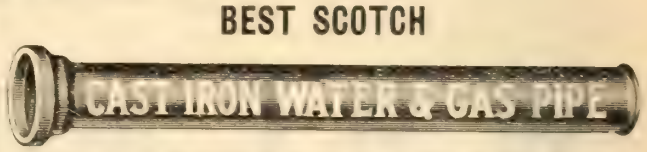

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MILLER BROS. & TOMS
MONTREAL

stated that financial arrangements had been made for the construction of the road, which is estimated to cost upwards of $2,000,000.—J. L. Wilson & Son, architects, have prepared plans for Methodist church at Richmond, cost $3,500.—R. Winters will build four houses on McKeough ave.

OTTAWA, ONT.—N. J. Ker, City Engineer, wants bids by May 10th for supply of a 10 ton steam road roller.—Plans of post office building to be erected at Antigonish, N.S., may be seen at the Department of Public Works, this city. Tenders close May 3rd.—J. P. MacLaren, architect, has taken tenders for erection of church in Cobden. — F. Gelinas, Secretary Department of Public Works, will receive tenders up to May 15th for dredging at Bayfield, Belle River, Beaverton, Collingwood, Kincardine, Matchedash Bay, Meaford, Owen Sound, Trenton, Penetanguishene, Point Edward, Sarnia, Port Stanley, Rondeau, Port Burwell, Saugeen River, Thornbury, Wiarton.

VANCOUVER, B.C.—C. W. Murray, Secretary School Board, has taken tenders on a four-room school building at Grandview. Plans by W. T. Whiteway, architect.—The Royal Bank of Canada has purchased a site at corner of Seventh and Westminster avenues, Mount Pleasant, for a new bank building.—Tenders will shortly be invited for construction of a steamer for service on the Skeena river.—Charles E. Stevenson has purchased property on Cordova and Hastings streets on which he will erect a large departmental store.—New tenders are to be invited for addition to City Hall with a view to keeping the expenditure within $6,000.—Revised plans are now being prepared for the I.O.O.F. building to be erected on Pender street. — P. Burns & Co. have decided to erect a large abattoir on the old smelter site, at a cost of $150,000.

ST. JOHN, N.B. — F. Neil Brodie, architect, has in hand the following work: Brick residence for Frank Peters, Wentworth street; brick addition to Pender Nail Works, including new wire mill, cleaning shop, rod warehouse, machine shop, engine and boiler room and coal sheds; Times Newspaper building, Canterbury and Church streets; double brick residence for George Dunlop, King street; remodelling Y. M. C. A. building for D. McGee & Sons; two frame houses and one brick house on Douglas ave., and suburban house and cottage at Rothesay.—McKean & Dunn, architects, are preparing plans for church to replace the Church of the Assumption destroyed be fire last summer. They will also prepare plans for a large wooden building to be built later in the season by the St. Vincent de Paul Society.—G.E. Fairweather, architect, is taking tenders up to 29th inst. for a frame dwelling on King street east.—The order for the dredging of the harbor here is expected to be passed at an early date.—Surveys have authorized by the New Brunswick Southern Railway of the district between Lepreaux and Pennfield with a view to constructing a new line 11 miles in length.—The organization meeting of the Grand Falls Power Co. was held in this city last week. It is expected that construction work at Grand Falls will be commenced this year.

HAMILTON, ONT. — A. J. Small has bought property for the purpose of enlarging the Grand Opera House.—E. B. Wingate, engineer in charge, is making the final surveys for the radial railway from this city to Guelph. The plans for the bridges have already been prepared.--The Twentieth Century Club, of which R. Jose is secretary, will erect a two-storey club building, cost $6,000, for which plans have been prepared by F. J. Rastrick & Sons.— It has been announced that the Dominion Govern-

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ment intend to expend $100,000 more in improving the piers at the Beach, the plan being to cement the tops of both piers and build a new lighthouse.—Building permits have been granted as follows: Raymond & Haskins, wine vaults, corner Sanford and Aikman avenues, cost $14,000 (Munro & Mead, architects); Ontario Lantern Co., brick addition to factory.—Munro & Mead, architects, are preparing plans for residences for I. G. Thompson, this city, and T. G. Wilson, High Park, Toronto, also for a warehouse for the Canadian Canners, Limited, to be built at Grimsby, two stories and basement, 160 × 38 feet.—It is reported that Mrs. Gartshore will shortly erect a modern residence on Markland street.

WINNIPEG, MAN.—J. Woodman, architect, desires tenders by Monday, May 1st, for erection of six storey store, office and apartment building for J. A. M. Atkins, K. C.—Charles Mills, architect, is this week taking tenders for erection of an office building in Brandon for the Hamilton Provident & Loan Society.—The packing plant of the J. Y. Griffin Co., Limited, will be 300x60 ft., 3 stories, brick, cost upwards of $100,000.—Harrison Bros. intend building a block near corner of Main street and Jarvis ave., to cost $14,000.—John McDonald intends erecting a fine hotel on the site of the Kastner block on Notre Dame avenue.—The Northern Elevator Co. have decided to erect a new flour mill in this city, capacity 3,000 barrels per day, cost $250,000.—The City Council have decided upon the erection of a new civic building, to include public hall, civic offices and police station. Plans for same have been prepared by Hooper & Walker. Estimated cost, $200,000.—The City Council will take early steps towards the construction of a subway under the C. P. R. tracks at Rachel street.—The Council have given notice of their intention to construct a number of pavements and sidewalks, including the following asphalt pavements: Maryland street, from Portage to Preston ave., cost $11,440; Burrows ave., from Main to Salter street, cost $26 359; Maryland street, from Preston to Cornish avenue, cost $14,957; Pritchard ave., from Main street to Red River, cost $6,125; Magnus ave., from Main street to Red River, cost $5,330.—It is stated that the Canadian Northern Railway will construct a line from the terminus of the Port Arthur, Duluth and Western Railway in the Gunflint district to Ely, a distance of 40 miles.—The J. H. Ashdown Co. will add two stories to their office and store building on Main street.—Tenders are invited by Darling, Pearson & Over, architects, up to May 1st for addition to General Hospital at Portage la Prairie.—The plans of J. H. G. Russell, architect, have been accepted for a new school building for the Fort Rouge Methodist church; estimated cost, $20,000.—Stewart Mulvey, Secretary School Board, will receive tenders up to May 9th for erection of brick school, corner Elice ave., Agnes and Magee st.—H. H. Bradburn will build a $20,000 residence on Crescent road.—Residences will be built on Wellington crescent by W. H. Cross, Bruce McBean, Morton Morse and Andrew McBean.

MONTREAL, ONT.—The Lake-of-the-Woods Milling Co. have decided to erect large flour mills and elevators in this city.—The Canadian Bank of Commerce will, according to report, erect a million dollar building in this city next year, to have a frontage of 110 feet on St. James street.—The following building permits have been granted: M. Perras, Frontenac st., three-storey brick and wood dwelling, cost $2,200; John Howe, Boyer st., two-storey wood and brick dwelling, cost $1,900; Noe. Leclaire, Hotel de Ville on Pine ave., three three-storey brick and stone dwellings, cost $15,000; J. E. Tremlay, Aylwin st., three three-storey wood and brick dwellings, cost $6,000; B. Mitchell, Aylwin st., three-storey wood and brick dwelling, cost $2,000; J. G. G. Kerry, Hutchinson st., brick and stone dwelling, cost $12,000; Roswell Fisher, Sherbrooke and Bishop sts., five-storey brick and stone dwelling (48 apartments), cost $100,000; J. O. H. Perras, Seigneurs st., three-storey wood and brick dwelling, cost $3,000; A. A. Dunton, McGregor st., two and one-half storey brick and stone dwelling, cost $12,000; Jos. Gigiere, D'Argenson st., two-storey wood and brick dwelling, cost $1,800; Protestant Board of School Commissioners, St. Catharine st., three-storey brick and stone dwelling, cost $18,000; Geo. Lamarche, Dorion and Lalonde Sts., pair three-storey wood and brick dwellings, cost $5,000; J. Goyette, Prefontaine st., three-storey wood and brick dwelling, cost $3,000; Mrs. G. E. Robertson, Crescent st, two-storey brick and stone dwelling, cost $7,000; Trustees St. Agnes School, two-storey brick and stone dwelling and school, cost 25,000; E. Vermette, Chambord st., two-storey wood and brick dwelling, cost $2,500; S. Edwards, Pine ave., two-storey brick and stone dwelling, cost $5,000; J. L. C. Clement, St. Christophe and Colombe sts., three-storey wood and brick dwelling, cost $3,000; Dr. F. Gabourv, Park ave., pair three-storey brick and stone dwelling, cost $15,000; J. A. Pendergrast, Crescent st., residence, cost $7,000; P. Brossard, Chateauguay st., pair three-storey wood and brick dwellings, cost $5,000; Rev. Oblat Fathers, Panet, near Dorchester sts., four-storey brick and stone dwelling, cost $25,000; Grosvenor Apartment Limited, Guy and Sherbrooke sts., four-story brick and stone dwelling (45 apartments), cost $150,000; Paul Bray, Sherbrooke st., two-and-one-half storey brick and stone house, cost $11,000.

TORONTO, ONT. — J. Francis Brown, architect, is taking tenders on a brick house on Langley ave.—W. R. Strickland, architect, wants separate or bulk tenders at once for house at Balmy Beach.—H. H. Williams is handling the negotiations for an apartment house to be built on the corner of Jarvis and Wellesley streets.—The tenants of the buildings on Victoria street, recently purchased by the Central Canada Loan & Savings Co., have received notice to vacate by December next, to make way for building operations.—The City Council have approved of the plans for the proposed bank and office building to be erected on the corner of Yonge and Colborne streets by the Traders' Bank. It will be a 15-storey building, with a frontage of 90 ft. on Yonge street and 100 ft. on Colborne street. Building operations will be commenced early in May.—H.W. Love purposes building eight houses on corner of First and Broadview avenues.—Mrs. Berrie will erect a brick store and dwelling on corner of Broadview and First avenues, cost $4,000.—The Marshall block on King street, immediately west of the Bank of Nova Scotia, has been sold to the Colonial Loan & Investment Co. and will probably be rebuilt.—The agreement between the city and the Grand Trunk Railway Co. for the construction of a new Union depot has been practically completed and now awaits only the confirmation of the City Council to bring it into effect. The station will be built on south side of Front st., between Bay and York.—The Board of Control are asking for tenders up to May 2nd for construction of piling at the end of Jarvis street slip, also for the supply of water meters and for the construction of a number of concrete sidewalks. — Tenders are invited at 37 O'Hara avenue for erection of residence.—The trustees of Knox church have decided in favor of building their new edifice on west side of Spadina ave., just north of Harbord.—M. J. Haney has submitted to the Board of Control a proposition to establish a large plant on Ashbridge's marsh for the manufacture of builders' supplies and structural steel work.—Building permits have been granted as follows: W. Dawson, pair two-storey brick dwellings, 14 and 16 Pearson ave., cost $2,400; Wesley Bul-

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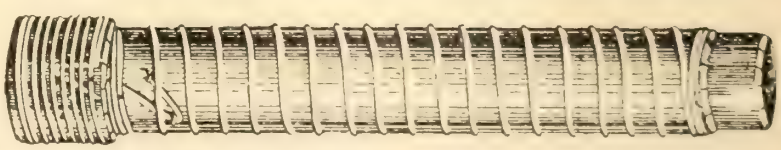

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mer, two-storey and attic brick and stone dwelling, east side Concord ave., near Hepbourne street, cost $3,600 ; Richard Anderson, four two-storey brick dwellings, north side Pears ave., near Avenue road, cost $2,500 ; John Dunlop, three two-storey roughcast dwellings, west side Preston ave., cost $4,800 ; A. W. Adams, pair two-storey brick and stone dwellings, north side Marion street, near West Lodge ave., cost $3,000 ; Ernest Wills, one-storey brick office, 836 College street, cost $2,500 ; F. A. Jacobs, three-storey brick veneered store and dwelling, corner Gerrard street and Broadview ave., cost $3,000 ; Herbert W. Winters, two-storey and attic brick and stone dwelling, north side Walker ave., near Yonge street, cost $4,000 ; James Donovan, four two-storey brick and stone dwellings, east side Lansdowne ave., cost $8,000 ; W. H. Martin, two-storey and attic roughcast dwelling, brick front, west side Smith street, near Logan ave., cost $3,000 ; H. M. Flock, two-storey brick residence, 216 Rusholme road, cost $3,200 ; Wm. H. Harvey, two-storey and attic brick and stone dwelling, 46 Hayden street, cost $3,000 ; H. & W. Kidd, pair two-storey roughcast dwellings, brick fronts, west side Albany ave., near Dupont street, cost $3,300 ; Thurston & Slack, pair two-storey brick and stone dwellings, east side Shaw street, near College, cost $3,600 ; Charles Mould & Co., two-storey brick dwelling, stone foundation, north-west corner Dupont street and Albany ave., cost $2,500 ; Wm. Greaves, alterations to store and dwelling, brick and stone, south-east corner Clinton and College streets, cost $3,000 ; A. Norman, pair 2½-storey brick and stone dwellings, east side Bathurst street, near Barton ave., cost $4,500 ; W. E. Watson & Co., two pair 2½-storey brick and stone dwellings, rear of lots Nos. 190 and 191 Spadina road, cost $8,000 ; Mrs. Clarke, two-storey roughcast dwelling, brick veneered front, south side Hogarth ave., near Logan, cost $1,600 ; Martin Collett, two-storey brick store and dwelling, 299 Dundas street, cost $3,000 ; W. J. Fletcher, two-storey and attic brick and stone dwelling, north-east corner College street and Euclid ave., cost $5,000 ; W. S. Kerman, 2½-storey brick and Roman stone dwelling, east side Elm ave, near Maple, cost $4,500.

CONTRACTS AWARDED.

MOOSOMIN, N. W. T. — Hotel for R. B. Clarke : John McGuirl, contractor.

WALKERVILLE, ONT.—Factory for Globe Furniture Co.: Victor Williamson, contractor.

CHATHAM, N. B.—Brick building for Hoffman & Sons: John McDonald & Co., contractors.

COLLINGWOOD, ONT.— Extensive improvements to Balcarris Hall : Wilson Bros., contractors.

STELLARTON, N. S. — New waterworks pumping engine: J. Inglis Co., Toronto, contractor.

HAMILTON, ONT.—The Climax Road Machine Co. have secured the contract for crushing plant for the Hamilton Silicate Brick Co.

CAMPBELLTON, N. B. — Rebuilding wharf: C. J. B. Simmons, of Fredericton, contractor, price $36,000.

MONTREAL, QUE. — Building on Philips square for M. & I. Jenkins: Architects, E. & W. S. Maxwell; contractor, Alfred Joyce.

AMHERST, N. S.—The Robb Engineering Co., this place, are supplying the steam plant for the Winnipeg factory of the Munroe Wire Works.

WELLAND, ONT. — Construction of Robins bridge: substructure, Freeman Hodgkin, $3,525; Superstructure, Hamilton Bridge Works, $1,645.

CHATHAM, ONT. — City supplies: Sewer pipe, J. & J. Oldershaw; cement and sand, J. H. Oldershaw ; brick, D. Jordon; castings, Park Bros.; granolithic walks, Blight & Fielder.

ST. THOMAS, ONT.—Concrete walks: A. E. Ponsford, contractor.—Two-storey

(Continued on page 10.)

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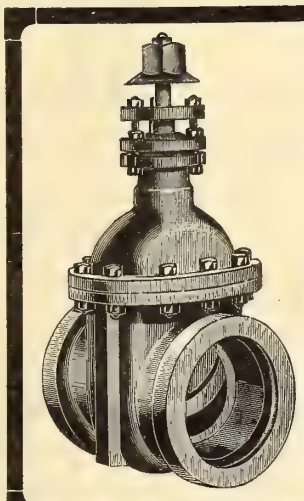

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C. H. RUST, City Engineer. W. A. CLEMENT, Asst. Engineer.

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						Neat.					3 (Sand) to 1 (Cement).					
				Initial.	Final.	1 dy.	7 dys.	28 dys.	3 mos	1 yr.	1 dy.	7 dys.	28 dys.	3 mos.	1 yr.	
Alpha	O. K.	3.177	9.3	222	399	292	752	811	868	841	57	197	271	317	327	United States.
Atlas	O. K.	3.100	9.3	152	387	385	579	622	710	712	61	186	246	305	339	" "
Hercules	41% failed	3.159	7.1	120	240	292	696	836	777	711	51	174	222	242	231	Canada.
Imperial	O. K.	3.213	6.2	40	75	250	352	400	484	485	61	128	176	254	321	"
Lehigh	O. K.	3.183	9.1	166	356	348	746	849	897	880	73	201	273	334	361	United States.
Monarch	4% failed	3.154	7.5	176	355	366	653	701	731	701	66	173	242	303	355	Canada.
NATIONAL	O. K.	**3.135**	**2.1**	**162**	**345**	**307**	**701**	**783**	**827**	**804**	**74**	**214**	**299**	**367**	**368**	"
Rathbun's Star	O. K.	3.140	5.0	123	305	359	581	640	677	676	75	193	255	313	349	"
Samson	7% failed	3.118	6.3	107	252	257	462	525	583	612	67	163	231	284	338	"

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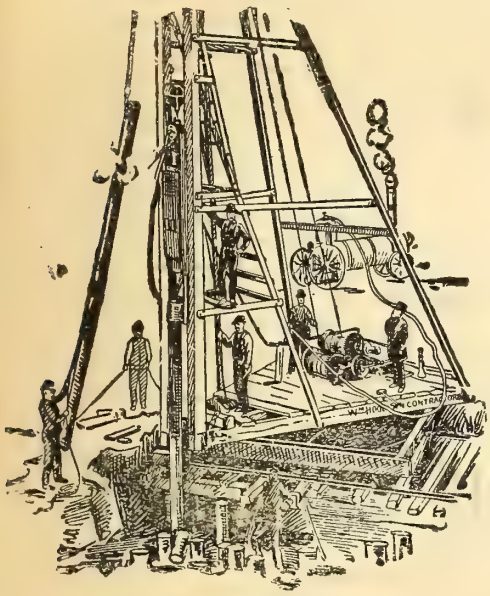

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pressed brick residence on Stanley street for F. E. Frank: Masonry, Joseph Horton; carpentry, H. Lindop.

PETERBORO, ONT. — Erection of Separate school building: Brick work, J. E. Hayes, $3,770; stone work, J. E. Hayes, $2,775.50; carpentry, Carveth & Houlihan, $6,956.

COLLINGWOOD, ONT.—$9,000 4% Consolidated debentures and $6,000 4½% Permanent Roads debentures have been sold to Wood, Gundy & Co., Toronto, for $14,373 and accrued interest.

STRATFORD, ONT.—City supplies: Crushed stone, Horseshoe Quarry Co., St. Marys; sewer pipe and specials, C.F. Nield; cement and spikes, D. L. Myers; castings, Stratford Bridge Co.

ST. JOHN, N. B.—The contracts for extension of waterworks system have been awarded as follows: Section 1 and 2, McArthur & McVey, $89,640; sections 3 and 4, B. Mooney & Sons, $94,025.

ST. CATHARINES, ONT. — Three filters for pumping station: Canadian Iron & Foundry Co., successful tenderers, $7,463. Dennis Murphy, of Halifax, was awarded the contract for six-inch pipes at $31.50 per ton.

GUELPH, ONT.—Residence for D.E. Rudd: Architects, McPhee & Mahoney; brick work, S. Rundle; carpentry, R. Mahoney; plumbing, Fred Smith; painting, Dempsey Bros.; plastering, J. J. Mahoney.

CALGARY, N. W. T. — Lawson & O'Gara, architects, have awarded the following contracts: Residence for Mrs. George May, cost $3,000, to H.A. Noble; St. Mary's Hall, 47 x 77 ft., cost $12,000, to John Gillespie.

VANCOUVER, B C.—Warehouse for the British Columbia Distillery Co.: R. P. Forshaw, contractor. — Sub-station at Eburne for the British Columbia Electric Railway Co.: Ironsides, Rannie & Campbell, contractors; 50 x 60 ft., brick and concrete.

PORTAGE LA PRAIRIE, MAN. — Waterworks construction: Pipe-laying and excavating, Heinault & Hefferman, Montreal, $94,525; standpipe, Manitoba Iron Works, Winnipeg, $8,665; water tower foundation, William Carr and Joseph Woodnor, $2,400. The tenders for machinery and boilers have been submitted to the chief engineer, Willis Chipman, C. E., of Toronto, for a report.

OWEN SOUND, ONT.—The $25,000 4% twenty year town debentures were awarded to Wood, Gundy & Co., of Toronto, at $24,816 and accrued interest. Other bids were: R. Wilson, $24,754; Wm. C. Brent, $24,708; Dominion Securities Corporation, $24,669; H. O'Hara & Co., $24,640; G. A. Stinson & Co., $24,627; Canadian Securities, $24,527; Ontario Securities, $24,251; Canada Life Company, $24,200; Aemilius Jarvis & Co., $24,051.

WINNIPEG, MAN. — Residence for R. C. McDonald in Crescentwood: Masonry, Malcolm Bros.; carpentry, W. H. Fraser. Hooper & Walker are the architects.—Stables on Henry ave. for Manitoba Cartage Co.: William Grace Co., contractors, price about $50,000; two-stories, 300 x 105 ft., brick, stone and concrete. — Building on James street for Hoover Manufacturing Co.: Architects, Hooper & Walker; masonry, Brown & Barker; carpentry, W. H. Fraser; plumbing, Cotter Bros.; painting, Bell & Co.—The City Council have accepted the following tenders: Supply of 20,000 to 30,000 barrels of cement, Owen Sound Portland Cement Co., Owen Sound, Ont.; water pipe and specials, W. Jacks & Co., Glasgow; lumber, D. E. Sprague.—The contract for construction of the Wolseley-Reston branch of the C.P.R. has been awarded to J. D. McArther, this city; distance 60 miles.

TORONTO, ONT.—John Galt, C. E. & M. E., who is acting for the Dominion Government, has let to the Toronto Pneumatic Tubing Co. the contract for laying and jointing the tubing in the trenches for the pneumatic postal system in Toronto and Montreal. The contract also includes the installation of the terminal machines at the ends of the system. The power plant, compressors, etc., have yet to be dealt with.—The tender of the John McDougall Caledonian Iron Works Co., Montreal, has been accepted for a new pumping engine for the high level station. It will be a 6,000,000 gallon Holly type engine, with box girder frames; price, including boilers, $43,947.

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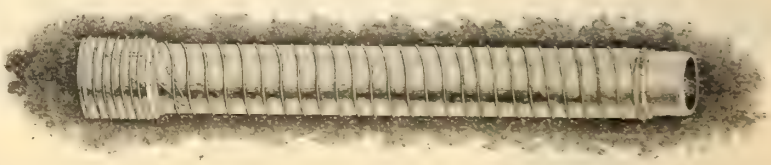

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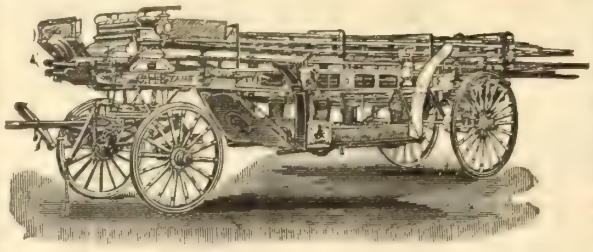

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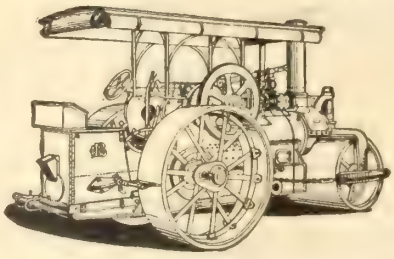

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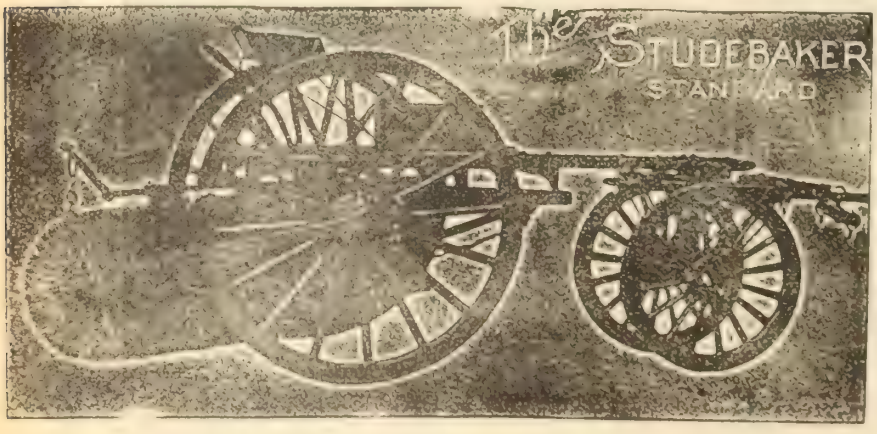

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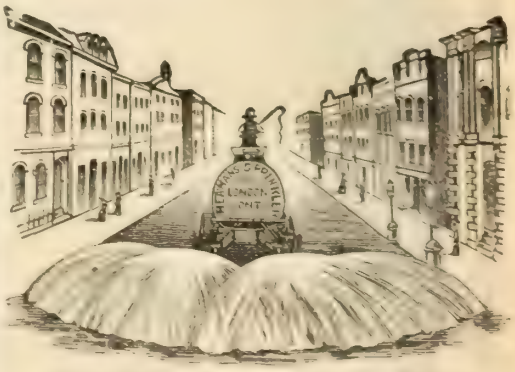

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1 inch mill run sidings	21.00	22.00
1 inch mill run	20.00	21.00
1 x 10 and 12 mill culls	15.00	16.00
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1½ inch No. 1 4 ft. Pine Lath	3.40	3.60
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Basswood, 1½ to 2 inch	25.00	26.00
Elm, soft, mill run, 1 to 1½ in	24.00	25.00
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(Continued on page 14)

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"Union"	1 50		1 60	1 65
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"White Cross"	1 90	2 00	1 75	1 80
Hammer			1 80	1 90
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Samson			1 80	1 90
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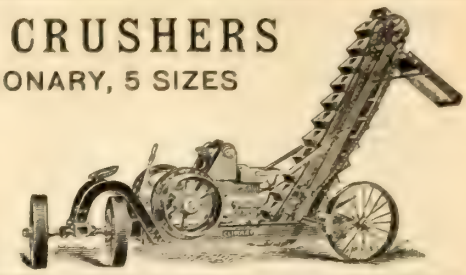

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PORTLAND CEMENTS,
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No wood to rot, check or break.
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Manufacturers of

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3 inches to 60 inches diameter.

For Water, Gas, Culvert and Sewer

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RANSOME CONCRETE MIXERS

SIMPLE **DURABLE** **EFFICIENT**

Ransome Mixers have been adopted for use on all sections of the Pennsylvania Railroad $50,000,000 terminal improvements in New York City by the following contractors:

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Ransome Mixers develop higher efficiency than can be attained in mixing concrete by any other method or machine. Under ordinary conditions and fed from wheelbarrows they will readily handle 30 batches per hour. One machine used by Westinghouse-Church-Kerr Company, and fed from overhead bins, mixed 980 batches in 8½ hours.

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CANADIAN

Contract Record

A Weekly Journal of Public Works, Tenders, Advance Information and Municipal Progress

This Paper Reaches Every Week the Town and City Clerks, Town and City Engineers, County Clerks and County Engineers, Purchasers of Municipal Debentures and Leading Contractors In All Lines Throughout Canada

VOL. 16. TORONTO, MONTREAL, WINNIPEG, MAY 3, 1905 No. 10

THE CANADIAN CONTRACT RECORD
PUBLISHED EVERY WEDNESDAY
As an Intermediate Edition of the Canadian Architect and Builder.

THE C. H. MORTIMER PUBLISHING COMPANY
of Toronto, Limited,
Subscription Price, $2 per annum, payable in advance.

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OLD DOORS WANTED

I am open to buy a few walnut doors from old buildings being torn down. Please state sizes, prices, or telephone M. 2701. JAS. ROBERTSON, 10 Front St. E., Toronto.

TENDERS

for construction of about 120,000 superficial feet of Concrete Walks, besides Curbs and Crossings, in the Town of Arnprior, Ont., will be received up to noon of the 26TH MAY, 1905. Specifications and other particulars furnished on application to the undersigned.

GEO. E. NEILSON, Clerk.
Arnprior, 29th April, 1905.

TENDERS

will be received by the undersigned up till 5 o'clock p.m. SATURDAY, MAY 6TH, for the installation of a complete heating and ventilating plant in the Central School Building, Galt, Ont.

Plans may be seen and all information obtained at my office.

The lowest or any tender not necessarily accepted.

F. W. MELLISH, Architect,
Galt, Ont.

Street Paving and Sidewalk Tenders

Sealed tenders will be received by the undersigned up to 7 o'clock p.m., THURSDAY, MAY 11TH, 1905.

(a) For laying approximately 22,800 square yards of Asphalt Block on Ontario and Market Streets.

(b) For laying approximately 7,900 square yards of Vitrified Brick on Downie and Brunswick Streets.

(c). For laying approximately 211,000 square feet of Concrete Sidewalk.

Plans and specifications may be seen and forms of tender and other information obtained at the office of the undersigned, after May 1st.

The lowest or any tender not necessarily accepted.

ANGUS SMITH, City Engineer,
Stratford, Ont.

WANTED

One first class Draughtsman, and also one well experienced in outside work. Apply, giving references and stating salary expected, to Box 75 CANADIAN CONTRACT RECORD, Toronto.

COUNTY DEBENTURES FOR SALE

Tenders are desired by the undersigned up to noon of the 20TH MAY, 1905, for the purchase of 20 Debentures of the County of Hastings, aggregating $20,000, drawing 5 per cent. from the 2nd day of November, 1904.

One Debenture and all interest coupons paid each year. First such payment on first November, 1905.

Further information given on application to

WM. R. AYLSWORTH, County Clerk,
Belleville, Ont.

TOWN OF PETERBORO

NOTICE TO CONTRACTORS

Sealed tenders will be received by the Chairman of the Board of Works, Peterboro, until 8 p. m. on FRIDAY, MAY 19th, 1905, for the construction of a Main Sewer and Sedimentation Tank in Ashburnham or Ward No. 5. This sewer comprises:

270 feet of 14 inch iron submerged outlet pipe.
1400 feet of 18 inch tile pipe.
1300 feet of 15 inch tile pipe.

Plans and specifications may be seen at the office of the Consulting Engineer, Toronto, and at the Town Clerk's office, Peterboro.

S. R. ARMSTRONG, ESQ.,
Town Clerk,
Peterboro.

FRANK ADAMS, Esq.,
Chairman Board of Works,
Peterboro.

WILLIS CHIPMAN, C. E.,
Consulting Engineer,
103 Bay Street, Toronto.

Tenders Wanted

Tenders addressed to the undersigned and endorsed "Tender" will be received up till 6 o'clock, p. m., THURSDAY, MAY 11TH, 1905, for the erection of a Two-room and Basement Public School Brick or Cement Building in the Village of Wroxeter, Huron County, Ont.

Tenders will be considered for the whole work in bulk or for the different branches therein. Also for the work alone, with the material furnished by the Board.

Plans and specifications may be seen at the residence of the undersigned, or at the offices of Stewart, Witton & Taylor, Architects, Brantford, Ont.

Lowest or any tender not necessarily accepted.

WILLIAM WILSON,
Sec. Public School Board, Wroxeter, Ont.
Dated at Wroxeter, April 24th, 1905.

Tenders Wanted

Sealed tenders marked "Tenders for Cement Concrete Walks," will be received up to 8.30 p. m. on MAY 17TH, 1905, for the construction of about 20,000 square feet of Cement Concrete Walks in the Town of Dunnville, Ont.

Specifications may be seen at the office of the undersigned on and after the 3rd instant.

Tenders to be accompanied with a marked cheque for $100, which will be returned to unsuccessful tenderers. Contractors will be required to furnish bonds. No tender necessarily accepted. Address,

J. W. HOLMES, Clerk.
Dunnville, May 3rd, 1905.

Tenders Wanted

Sealed tenders will be received by the undersigned up to SATURDAY, MAY 13th, 1905, for the erection of a Brick and Stone Church in the town of St Mary's, Ont. Tenders received for the whole or a part. Plans and specifications may be seen on or after FRIDAY, MAY 5th, at the office of R. Shepherd, Town Hall, St. Marys, or at the office of W. Fletcher Shepherd, Architect, Duffield Block, London. The lowest or any tender not necessarily accepted.

ANDREW KNOX, M. D.
Secretary Building Committee,
St. Marys, Ont.

NOTICE TO CONTRACTORS.

TUNNEL FOR WATER WORKS

Tenders will be received by registered post only, addressed to the Chairman of the Board of Control, City Hall, Toronto, Canada, up to noon on TUESDAY, JUNE 6TH, 1905, for the construction of a

Tunnel and Shafts Under Toronto Bay,

between the main pumping station at the foot of John street and Toronto Island.

Envelopes containing tenders must be plainly marked on the outside as to contents.

Plans may be seen and specifications and forms of tender obtained at the office of the City Engineer, Tororto, upon application.

The usual conditions relating to tendering, as prescribed by city by-law, must be strictly complied with.

The lowest or any tender not necessarily accepted.

THOMAS URQUHART (Mayor),
Chairman Board of Control.
City Hall Toronto, May 1st, 1905.

W. & T. Kirby, contractors, Rosthern, N.W.T., have dissolved partnership, W. Kirby continuing.

The Imperial Export Co., of Toronto, are furnishing a quantity of school desks for the city of Durban, South Africa. They will be manufactured by the Canadian Office & School Furniture Co., Preston, Ont.

[FOR ADDITIONAL ADVERTISEMENTS FOR TENDERS SEE NEXT PAGE.]

To Contractors

Tenders wanted not later than 12 o'clock, noon, THURSDAY, THE 11TH INST., for the several trades works required in the erection and completion of a House of Refuge Building in the County of Prince Edward. All tenders to be addressed to E. M. Young, Esq., Barrister, Solicitor, etc., Clerk of the said county.

Tenders will alsobe received (at same time and place) for the erection and completion of a residence for E. M. Young, Esq., in the town of Picton. Plans and specifications for the above mentioned works may be seen at the office of the undersigned and at the County Clerk's office, County Buildings, Picton, Ontario. Lowest or any tender not necessarily accepted.

WILLIAM NEWLANDS, Architect,
Office, 258 Bagot Street,
Kingston, Ontario.

CONTRACTS OPEN.

SARNIA, ONT.—Malcolm Mackenzie intends building a residence thir summer.

MIDLAND, ONT. — The Canada Iron & Furnace Co. will increase their plant here.

MOOSE JAW, N.W.T. — A brick block will be built on River street by W. E. Seaborn.

ST. THOMAS, ONT.—E. C. Sanders will build two two-storey residences on Centre street.

OXFORD, N.S. — The American Furniture Co. have decided to rebuild their factory.

ELM CREEK, MAN. — A site has been selected for a new school, estimated to cost $10,000.

NEEPAWA, MAN.—M. J. Orth, of Portage la Prairie, purposes building a brick block here.

CALGARY, N.W.T. — Over $7,000 has been subscribed towards a new Y.M.C.A. building.

HEADINGLY, MAN.—The by-law to provide for building a new school was defeated last week.

KINGSTON, ONT. — The Council propose to construct a number of artificial stone sidewalks.

WINCHESTER, ONT.—A. Bulmer contemplates building residences on lots recently purchased.

PICTON, ONT. — Power & Son, architects, Kingston, are taking tenders on a bank building here.

SUSSEX, N.B.—A vote of the ratepayers will be taken on the construction of a waterworks system.

LIMOILOU, QUE.—The question of installing incandescent lights in the streets is under consideration.

OLDS, N.W.T.—The Olds Flour Mill & Elevator Co. will let the contract this week for erection of buildings.

MAPLEWOOD, ONT.—J. T. Bean wants tenders by May 6th for construction of Murray drain, 14,000 feet.

YELLOW GRASS, N.W.T. — Tenders wanted by A. Urquhart up to 24th inst. for furnace for public school.

RAINY RIVER, ONT.—Atkinson & Armstrong will erect a two storey building on corner of Fourth street and Broadway.

ST. PETER'S BAY, P.E.I. — The Dominion Government will shortly call for tenders for breakwater at this place.

GRANDVIEW, MAN. — W. J. Swain intends building two residences. A. D. Moran will build a brick residence.

GIBSON, N.B.—Tenders received by T. D. Babbitt up to 15th inst., for purchase of $10,000 4½ per cent. debentures.

WINDHAM CENTRE, ONT. — J. R. Millard, Reeve, will receive tenders up to May 19th for erection of town hall.

MEDICINE HAT, N.W.T. — Competitive plans are invited by the village for a municipal building to cost not more than $30,000.

BEAVERTON, ONT.— The by-law granting a loan of $10,000 to A. Dobson to build a grist mill was carried last week.

LYNDHURST, ONT.—A syndicate is being formed to develop electric power here, to be transmitted to adjoining villages.

HANOVER, ONT.—Bids desired by W. A. Mearns, Mayor, by May 5th for purchase of $6,000 4½ per cent. debentures.

FERNIE, B.C.—T. H. Tracey, C.E., of Vancouver, has been engaged to report on waterworks and sewerage systems for this place.

SEAFORTH, ONT. — The by-law authorizing the Council to purchase the electric light plant was defeated by the ratepayers.

WETASKIWIN, N.W.T.—James S. Orr desires tenders by May 9th for supply of 350 school desks, single adjustable seat and desk.

VICTORIA, B.C.—Thomas Hooper, architect, has been instructed to prepare plans for proposed old men's home and for bathing pavilion.

LISTOWEL, ONT. — D. Hibner & Co. will build a $14,000 addition to the chair factory, the town having agreed to a fixed assessment.

SACKVILLE, N.B. — Tenders have just been taken by D. Allison for completion of interior of fourth storey of University residence.

BRAMPTON, ONT.—The Copeland-Chatterson Co., of Toronto, intend installing an electric plant in their factory now being built here.

FORT FRANCES, ONT.—The plans of James Chisholm, architect, have been accepted for new town and fire hall, brick, stone and concrete.

GALT, ONT.—The Salvation Army propose erecting a $9,000 barracks here. —P. W. Gardiner & Son have decided to rebuild their planing mill.

CLINTON, ONT. — The by-law to loan $6,000 to the Clinton Knitting Co. to build a new factory was carried by the ratepayers on Monday last.

WHITBY, ONT. — A by-law was carried here last week granting a bonus of $25,000 to the Keystone Sugar Co. to establish a beet sugar factory.

ST. BONIFACE, MAN.—The citizens will ask the City Council to erect a new town hall instead of the proposed extension of the present building.

WESTMOUNT, QUE.—It is understood that D. McNicol, of the C.P.R., is about to build a handsome residence at corner of Forden ave. and Cote St. Antoine road.

CARBERRY, MAN.— A residence will be built by W. G. Murphy.—The Village Council have just taken tenders on about 5,000 square ft. of granolithic sidewalk.

COLLINGWOOD, ONT. — R. McDowall, C.E., has submitted to Council a report on a system of sewerage for the district lying between St. Paul and Birch streets.

MOOSOMIN, N.W.T.—Tenders are invited by G. B. Murphy up to the 13th inst. for erection of General hospital. Plans by F. R. Evans, architect, Winnipeg.

ORILLIA, ONT.—Property adjoining the St. James church has been purchased on which to erect a new Y. M. C. A. building. Subscriptions received, $18,000.

WINGHAM, ONT.—The Council will submit a by-law to the property owners for the construcution of a waterworks system and building a trunk sewer.

SANDWICH, ONT.—The Department of Public Works, Ottawa, want tenders by Friday, 12th inst., for erection of post office building here. Plans at the Town Clerk's office.

BERLIN, ONT.—The by-law to loan the Dennis Wire & Iron Works Co., of London, $15,000 for establishing their works here, was carried by the ratepayers on Monday last.

STURGEON FALLS, ONT. — The town will apply to the Legislature for permission to issue $35,000 of debentures to provide for floating debt and to build a fire hall and other municipal buildings.

MORRISBURG, ONT.--The Canada Steel and Tin Plate Co. are expected to commence work on their new factory at an early date. W. D. Lewis, of Toronto, and J. A. Meldrum, of New York, are interested.

NEW WESTMINSTER, B.C.—The Brackman-Ker Co. propose to build large wharves on Front street.—Plans for the new hotel to be built on the site of the old Douglas-Elliot block have been completed.

HARROW, ONT. — Bids desired by J. H. Brown, Township Treasurer, up to 13th inst. for purchase of $4 978.68 5 per cent. drainage debentures.—The Presbyterians are negotiating for a lot on which to build a manse.

TORONTO JUNCTION, ONT.— The C.P.R. will make extensive improvements to their plant and yard here. The round-house will be enlarged, new wrecking shop built, of brick, and probably a new boiler shop.

COLCHESTER, N.S. —The Colchester Coal & Railway Co. have asked the municipality for exemption from taxation and for a small grant towards the purchase of a right of way for railway from the Intercolonial line to their mines.

POINTE AUX TREMBLES, QUE. —Rev. William Shearer, agent of the Pointe aux Trembles extension movement, has had plans prepared for the enlargement of churches at a cost of $60,000 and is now collecting funds for the work.

WEYBURN, N.W.T.—J. A. Mitchell has received plans for his proposed hardware store, brick and stone, two stories, 52x130 ft., large plate glass window.—Mr. Jarrett, architect, has completed plans for Methodist church, cement blocks, seating capacity 600.

RUSTICO, P.E.I.—F. Gelinas, Secretary Department Public Works, Ottawa, desires tenders by May 17th for construction of breakwater at Robinson's Island, Rustico Harbor. Plans at office of H. V. Hegan, Charlottetown, and on application to the Postmaster here.

LACOMBE, N.W.T.—T. W. Thorold, C.E., has submitted the following estimates: Waterworks system, $51,945; sewerage system, $30,856; pump house, pumps, boilers, stand pipe, mains, hydrants and valves, $32,924; septic tank and sewer on Barnett ave., $8,441.

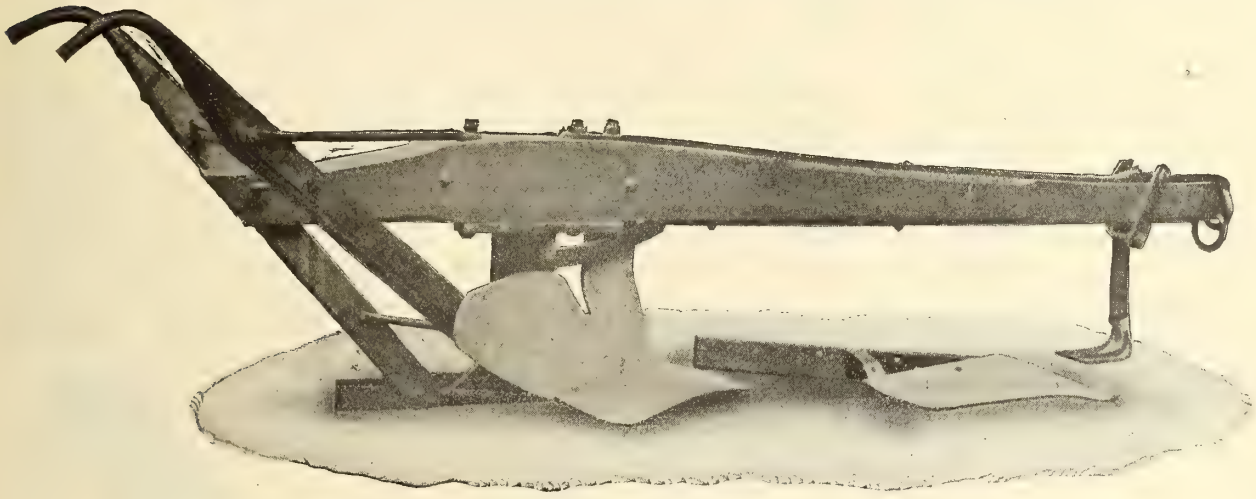
BRANTFORD, ONT. — George Strowbridge intends erecting a building on Darling street.—It is said that the Grand Trunk Railway may build a new hotel near the new station site. They have offered to build an overhead bridge at corner of Paris road and St. Paul's ave. provided the city will close the latter avenue.

RONDEAU, ONT.—Tenders are invited by the Dominion Government up to Monday, May 29th, for construction of two breakwaters here, cheque for $12,000 to accompany each tender. Plans on application to the Postmaster, at the Department of Public Works, Ottawa, and at offices of H. A. Gray, Toronto, and J. G. Sing, London.

FORT WILLIAM.—The question of constructing a permanent pavement on Cumberland street, from Arthur to Bay,

RAILROAD CONTRACTORS

Can procure Supplies of any kind at short notice from our Complete Stock.



In addition to handling Heavy Plant such as Steam Shovels, Wrecking Cranes, Railway Pile Drivers, Concrete Mixers, Rock Crushers, Etc., we carry in stock a large variety of Supplies, including Railroad and Rooter Plows, Wheel and Drag Scrapers, Hand Cars, Push Cars, Railway Velocipedes, Track Jacks, Wheelbarrows, Contractors' Lights, and Track Tools of all Kinds. . . .

ENQUIRIES AS WELL AS ORDERS PROMPLY ATTENDED TO.

CATALOGUES ON APPLICATION

W. H. C. MUSSEN & CO.

RAILWAY, MINING AND CONTRACTORS' SUPPLIES.

MONTREAL

at cost of $30,000, is being considered by the Council.—The Railway, Marine and General Hospital Committee desire the Council to purchase a site on Dawson street for hospital purposes, although it is not proposed to build the hospital this year.

NIAGARA FALLS, ONT. — The brick paving to be done by the city this year will cost upwards of $17,000.—Plans are being prepared for a brick addition to the Dominion Suspender Co.'s factory, 30x85 feet, 2 stories.—Benedetto Gaitano will build a $4,000 block at Ferry and Ann streets, to contain two stores and two dwellings.

EAST TORONTO, ONT. — The Toronto & York Radial Railway Co. are negotiating for a franchise from the village and have agreed to build a bridge over the G.T.R. tracks at a cost of $8,000. —E. F. Leidy has commenced a pair of brick dwellings at 663-5 Gerrard street.—L. A. DeLaplante will build a hardware store on Main street.

OWEN SOUND, ONT.—The Dominion Government have purchased a site here for the proposed post office.—The Kilbourn Real Estate Co. have acquired the LePan property on corner of Baker and Poulett sts and will build a business block comprising stores and offices, of cement block construction.—The citizens will request the Council to purchase another fire engine and construct river approaches.—James Leslie, jr., intends erecting three buildings on corner of Murdoch and Union streets.

VANCOUVER, B.C.—John K. Sutherland has purchased property on Hastings street, near Abbott, on which he will erect a 3-storey building.—E. J. McFeely has purchased three lots on east side of Granville street, almost opposite the Vancouver Opera House, and intends building a business block on the property.

ST. JOHN, N.B.—H. H. Mott, architect, is taking tenders up to 4th inst. for remodelling the Canadian Permanent Mortage Corporation building, corner Market square and Prince William street —The City Council have decided upon the construction of a large wharf.—The Canada Saw Co. purpose installing new machinery in their works here and may build a new factory in the near future.—The German street Baptists intend erecting a new school building in the near future, at a cost of about $8,000.

PETERBORO, ONT.—W. Blackwell, architect, has prepared plans for a brick dwelling to be built on Water street by J. J. McBean, also for a brick dwelling on Stewart street for Mrs. Campbell.—R. J. Kidd is this week taking tenders on improvements and alterations to the Charlotte street Sunday school. Plans by W. Blackwell.—The Canadian General Electric Co. have purchased a large block of land for extensions to their buildings. — The Peterboro Lock Works have authorized the construction of new buildings on a large scale.

OTTAWA, ONT.—Plans of post office to be erected at Sandwich, Ont., may be seen at the office of the Secretary of the Department of Public Works, this city. Tenders close 21st inst. Plans may also be seen at same office for breakwater to be constructed at Rustico, P.E.I., for which tenders will close 17th inst.—It is reported that the C. Ross Co. will build an extensive store on Sparks street, be-

THE GOOD ROADS MACHINERY COMPANY, LIMITED, Hamilton, Canada

Our No. 4 "CHAMPION" Mounted Rock Crusher with Elevator and Chute Screen

The Very Latest "UP-TO-DATE" Portable Mounted Outfit Manufactured

Patented March 22nd, 1900.
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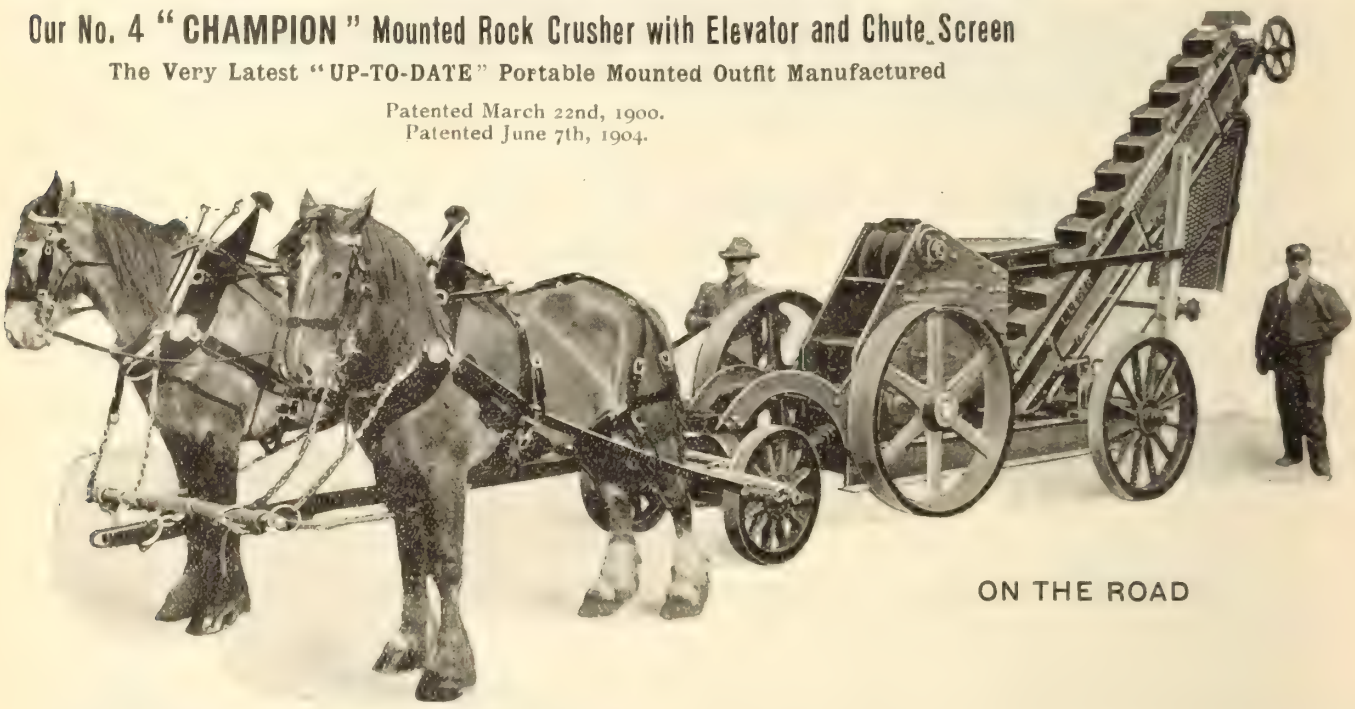

The Steel "CHAMPION" Rock Crusher is the result of years of practical experience in crushing Rock from the limestone Ridges to the very hardest Syenite Rock. For crushing hard Boulders they have been proved to be superior to all competitors.

All mechanics agree that the simpler the machine the more valuable it is. In complicated machines look out for trouble and expense.

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Good Roads Machinery Company, Limited, JOHN CHALLEN, President and General Manager.

Address—Late Killey Beckett Works, 144 York Street, HAMILTON, ONT.

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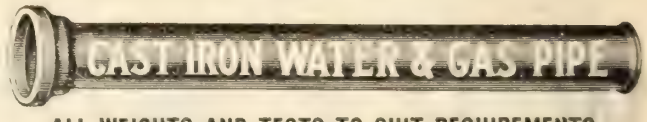

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MILLER BROS. & TOMS
MONTREAL

tween Bank and O'Connor. — Another storey is to be built to the Government Printing Bureau.—The School Board will likely call for tenders this week for erection of new school buildings.

REGINA, N.W.T. — Tenders are invited by J. K. Hunter, Secretary-Treasurer of the Corporation, up to 5 p. m. of May 8th for supply of the following cast iron specials: 30 single manhole covers, 25 duplex manhole covers, 100 covers and traps for catch basins, 56 flap valves.—A by-law to raise $160,000 for completion of waterworks, sewerage and electric light systems has been sanctioned by the ratepayers.

EDMONTON, N.W.T. — The Merchants Bank of Canada will commence their new block here as soon as plans have been completed. — McDougall & Secord will erect two brick business blocks 50x75 ft.—G. J. Kinnard, Secretary-Treasurer of the city, will receive tenders up to 15th inst. for wire, transformers, switchboard and other materials required in the installation of series arc lighting. Plans on application to J. H. Hargreaves, Public Works Commissioner.

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MEM. CAN. SOC. C.E. AND C.E.A., ETC.
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IRA G. HEDRICK, Mem. Can. Soc. C. E. Mem. Inst. C. E. Mem. Am. Soc. E. C
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LEA & COFFIN
and H. S. FERGUSON
ENGINEERS
Waterworks, Sewerage, Water Powers, Pulp and Paper Mills
Coristine Building - MONTREAL

MONTREAL, QUE. — The City Clerk will receive tenders up to 4th inst. for construction of sewers on portions of Amity, Chausse, Dufferin, Joliette, St. Germain and St. Christophe street, Linerly and Cote des Neiges road. — H. A. Wilder & Co. will build a large departmental store. The main building will be located on north-west corner of St. Catharine and Mackay streets and will be six or seven stories, while the second building will be across Mackay street and will be about five stories.—Tenders will be received by the City Clerk up to Thursday, 11th inst., for the supply of 10,000 to 15,000 tons of Blanc Rouge or synite macadamizing stone.

HAMILTON, ONT.—The Diamond Glass Co. intend starting a glass factory at corner of James and Picton streets and are having plans prepared for additional buildings.—The City Clerk is taking tenders this week for the construction of pipe sewers.—The following building permits have been granted: Silicate Brick Co., concrete factory building, NcNab street, cost $1,500; James Small, brick residence, William street, cost $1,600; H. G. McMahon, brick residence, Alma ave., cost $1,600. — Munro & Mead, architects, are preparing plans for new school at Burgessville.—The east end residents are talking of building a Presbyterian church on the Mountain Park property and have appointed the following committee: Joseph Taylor, Henry Gerrard, Edward Hunt, H. Kartsmark.—The Hospital Governors are endeavoring to modify the specifications for new wing so as to reduce the cost to $50,000, but if they do not succeed, the Finance Committee will be asked to supply additional funds.—George H. Milne has purchased property on Main street, west of Walnut, for a residential site.

LONDON, ONT.—W. G. Murray, architect, is preparing plans for residences for Mr. Sims, Regina street, Mr. Wallace, St. George street, Mr. Heaman, Dufferin ave., and Mr. McLeod at Ridgeway.—The Council have given notice of their intention to construct a vitrified brick pavement on Talbot street, between King and Fullarton, also a number of cement sidewalks and tile sewers.—The Water Commissioners intend to submit a proposal to the people for increasing the water supply. River water will probably be utilized for fire protection purposes.—Permits have been granted to H. W. Magee for a two-storey brick and shingled dwelling on William street, and to D. L. Shaw for a brick veneer dwelling on King street, between Glebe and Rectory streets.—W. G. Murray, architect, desires tenders by May 8 for erection of St. Andrews Sunday school.—Three plans

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have been submitted to the Waterworks Board for extension of waterworks system. Plan No. 1 proposes an independent fire system from the south branch of the river, at cost of $223,000. Plan No. 2 suggests a second 20-inch main from Springbank, and plan No. 3 is an independent fire system from the north branch of the Thames river, cost $238,000.

WINNIPEG, MAN.—H. P. Grundy intends building a residence on River ave., for which Herbert Matthews has prepared plans.—William Fingland, architect, is this week taking tenders on a store and dwelling on Pembina street.—The congregation of the Swedish Mission, corner of Logan ave. and Ellen street, have decided to build a parsonage.—Foundations are being laid for a warehouse on Young street, near Notre Dame, for Banfield & Co., 3 stories, frame, iron sheeted.—A committee of the City Council has recommended the erection of a boiler house at the waterworks, at cost of $8,500.—St. Peter's church, of which Rev. S. Fea is rector, will be enlarged and improved, at a cost of $7,000.—Frank R. Evans, architect, is taking tenders up to May 11th for erection of a four-roomed brick school at Elm Creek.—A. & W. Melville, architects, want tenders by Thursday, 4th inst., for erection of a five-storey brick and stone hotel on corner of Main and Hubert streets for George Wright & Co., and by Saturday, 8th inst., for erection of a 2½ storey frame residence, stone foundation, on Balmoral street for James Grant. Same architects will let contracts this week for a brick veneered residence on Broadway for Dr. R. Mackenzie. — C. J. Brown, City Clerk, will receive tenders up to May 8th for roofing No. 2 fire station.—The congregation of the First Lutheran church are taking steps to install an organ, to cost about $4,000.—The directors of the Winnipeg Children's Aid Society are considering the advisability of erecting a new building to meet the requirements of the society.—J. H. G. Russell, architect, is taking tenders up to May 6th on a block on corner of Sargent and Young streets for A. Johnson.—S. F. & W. A. Peters have taken tenders on three additional stories to the brick warehouse of the Consolidated Plate Glass Co., Fort street.—Darling, Pearson & Over, architects, have taken tenders on a brick residence on Spence street for A. Matheson.—It is stated that the Canadian Northern Railway will extend their line from Rossburn to Kamsac.—Bulman Bros. will probably erect a store and office building, corner Albert and Bannatyne streets.—Plans prepared by John M. Lyle have been accepted for the Caven Memorial library, to be 160 × 38 feet, 50 ft. tower, white brick, cost $30,000.—H. S. Griffith, architect, is taking tenders up to 5th inst. for frame house on Sherbrooke street for W. H. Woods. — Gordeau & Robbins intend building a large tannery in Lincoln Park, on banks of the Red river.—The Board of shareholders of the Masonic Temple have decided to erect a building at the corner of Ellice ave. and Hargraves street.—Herbert B. Rugh, architect, will receive tenders up to May 6th for construction of cement apartment building on Spence street, near Broadway.—Tenders for a 4-storey brick warehouse, mill construction, on May street, for the Thomas Davidson Manufacturing Co. will be received by J. Woodman up to 6th inst.—Charles Plaxton will build a 3-storey business block on Donald street, near the Clarendon Hotel.

TORONTO, ONT.—A. E. Tomlin, 234 Broadview ave., wants tenders for all trades for erection of store and dwelling.—Plans of two breakwaters to be constructed at Rondeau, Ont., may be seen at the office of H. A. Gray, C. E., Confederation Life Building, this city. Tenders close May 20th.—K. L. Aitken, electrical engineer, has prepared specifications for the two 1000 horse power induction motors and other electrical apparatus for the new high pressure pumping system for this city.—The Canadian Bank of Commerce have completed arrangements to erect a bank and office building on the north-west corner of Spadina ave. and College street, to cost $30,000.—The graduates of Victoria University will hold a meeting shortly to discuss plans for the general extension of the University. Among the things contemplated is a new library building, a men's residence and a gymnasium.—It is understood that the Mail Job Printing Co. have purchased a site in the old Upper Canada College grounds on which to build a large printing establishment.—The trustees of Wesley church, corner Ossington ave. and Dundas street, contemplate erecting a Sunday school building, to cost about $20,000.—The Board of Commissioners of the Temiskaming & Northern Ontario Railway decided, at a meeting held last week, to inaugurate a Government-owned telephone system for the entire length of the road. For the present the telephone line will be built from North Bay to New Liskeard, a distance of 113 miles.—Plans of manhole covers and flap valves required for the Regina sewerage system may be seen at the office of John Galt, C.E., this city. Tenders close May 8.—The Council have given notice of their intention to construct a macadam roadway on Crocker ave., at cost of $1,939, also a number of cement concrete sidewalks. — J. F. Brown, architect, is this week taking tenders on a house on Langley ave.—The Toronto and Hamilton Railway Co. have extended for a month the time for the reception of tenders for the construction of their road from Niagara Falls to this city. — The D. Conboy Carriage Top Manufacturing Co. intend building a new factory on the Esplanade, near Queen street, 400 × 600 ft., 3 stories, cost $60,000.—The Board of Control are asking for tenders up to Tuesday, June 6th, for construction of a tunnel and shafts under Toronto bay between the main pumping station at the foot of John street and Toronto Island. — Building permits have been granted as follows: Board of Education, 3-storey public school, brick, stone, iron, and felt and gravel roof, east side Broadview ave., cost $80,000; Mrs. Barrett, 2-storey and attic brick dwelling, west side Beatrice street, near College, cost $2,500; Phippen Bros., pair 2-storey roughcast dwellings, brick fronts, west side Bolton ave., near Gerrard street, cost $3,000; D. W. Saunders, 2-storey and attic brick dwelling, north-east corner Poplar Plains road and Clarendon ave., cost $8,500; J. Hunt Stanford, three pairs 2 story and attic stone and brick dwellings, west side Markham street, near Herrick, cost $12,000; G. Melhuish, 3-storey brick and stone store and dwelling, north-east corner Yonge and Dundonald streets, cost $7,000; W. E. Redway, 2-storey and attic brick and stone dwelling, north-east corner Smith street and Broadview ave., cost $4,800; C. M. Essery, pair 2 story brick and stone residences, Pembroke street, near Gerrard, cost $9,000; Fred S. Duff, two pairs 2-storey stone and brick dwellings, east side Beatrice street, near College, cost $8,000; Mrs Jean Grafton, 2½-storey brick and stone dwelling, south-east corner Cottingham street and Rathnally ave., cost $2,800; James Pearson, 2½-storey brick veneered dwelling, west side West ave., near First ave., cost $2,500; Mrs. Jean Grafton, two pairs 2½-story brick and stone dwellings, south-east corner Cottingham street and Rathnally ave., cost $9,000; J. A. Paterson, 2-storey and attic brick residence, corner St. George and Bernard ave., cost $8,500; R. T. Brown, 3 pair 2-story brick dwellings, west side Shaw street, near Bloor, cost $12,000; J. V. Hunter, two pair 2-storey stone and brick dwellings, east side Havelock street, near Hepbourne, cost $7,000; Parisian Laundry Co., one-storey driving shed and two storey brick stable, north-west corner King and Portland streets, cost $4,000;

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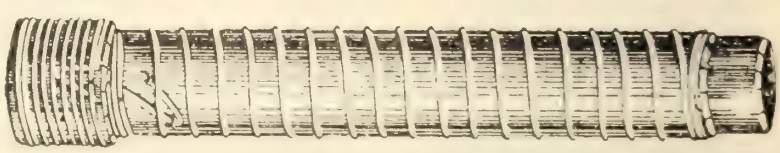

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R. C. Vaughan, pair two-storey and attic stone and brick dwellings, south side McMaster ave., near Avenue road, cost $4,000; Louis Motton, 2-storey brick and stone store, south side Dundas street, near Brock ave., cost $3,800; J. M. Kilgour, 2½-storey brick dwelling, 487 west Marion street, cost $3,500; Dr. Thomas Butler, pair 2½-storey stone and brick dwellings, Grace street, near College, cost $4,400; Thomas Clayton, 2-story brick and stone store and dwelling, southwest corner Dufferin and Millicent streets, cost $3,000; John Russell, 2-story and attic brick dwelling, concrete foundation, 122 Beatrice street, cost $2,800; John Kee, two-storey brick and stone dwelling, 22 Birtle ave., cost $2,200; White & Co., two pair 2-story and attic stone and brick dwellings, east side Rusholme road, near Hepbourne street, cost $8,000; Mrs. S. Machell, pair 2-story brick dwellings, west side Ossington ave., near College street, cost $4,800; John Russell, two pair 2-story brick and stone dwellings, 318-24 Logan ave., cost $9,000; W.E. Link and J. Ellis, pair two-and-half storey brick dwellings, south side Macpherson ave., near Yonge street, cost $5,600; J. T. V. May, pair two-and-half storey stone and brick dwellings, west side Concord ave., near Dewson street, cost $6,000, and pair two-and-half-storey stone and brick dwellings, south side of College street, near Ossington ave., cost $6,000.

CONTRACTS AWARDED.

CARBERRY, MAN.—Brick block for B. Stewart: Thomas Harkness, contractor.

NELSON, B.C.—Store for J. W. Gallagher: A. Carrie, architect; J. Dancey, contractor.

PORTAGE LA PRAIRIE, MAN. — Waterworks power house: Charles Jeffrey, contractor, $9,997.

FORT WILLIAM, ONT.—Addition to Mariaggi Hotel: C. Olson, Winnipeg, contractor; cost $8,000.

HANTSPORT, N.S.—Construction of waterworks system: D. J. Mulhall, contractor, cost about $40,000.

PETERBORO, ONT. — Brick residence for Dr. Scott: Stone work, H. Sherwood; other trades, Thomas Wilson. Plans by W. Blackwell.

CHATHAM, ONT.—Erection of market building: W. H. Carswell, successful tenderer, plan No. 3, $16,560.

BRANTFORD, ONT.—Additions and alterations to Kerby House: S. F. Whitham, contractor; cost $10,000.

TORONTO, ONT.—Addition to drill hall on University street: Wickett Bros., contractors, cost about $17,000.

ORILLIA, ONT.—Restoration of St. James church: J. R. Eaton, contractor, exclusive of heating, seating and lighting.

OLDS, N. W. T.—Machinery for mill and elevator for Olds Flour Mill & Elevator Co.: Goldie & McCulloch Co., Galt, Ont., contractors.

HANOVER, ONT.—Addition to public school: Concrete and brick work, H. Prast; woodwork, D. Stivea. Cement brick will be used.

DUMBARTON, ONT.—Heating and ventilating public school in Section No. 3: James Smart Manufacturing Co., Brockville, successful tenderers.

PICTON, ONT. — New Methodist church: Power & Son, Kingston, architects; Andrew Irving, contractor, $5,500; walls of cut and rock faced stone.

REGINA, N.W.T. — Construction of sewerage system: Dobson, Jackson & Fry, Winnipeg, successful tenderers, $27,200. John Galt, Toronto, chief engineer.

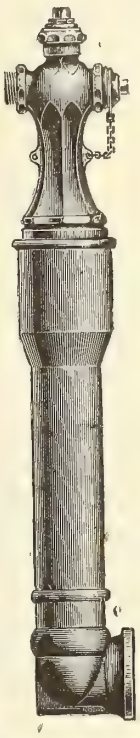
FERNIE, B.C.—The contract for new steel tipple for the C.N.P. Coal Co. has been let to Heyland Paterson. The tipple will be 900 ft. long, 30 ft. wide, cost $170,000.

COLBECK, ONT. — New English church hall: Stone work, I Scott, Waldemar; brick work, Miller & McCulloch, Grand Valley; wood work, Robert Dixon, Grand Valley.

OTTAWA, ONT.—The Ottawa Improvement Commission have awarded the following contracts: Cement, Ottawa Fireproof Supply Co.; hardware, McDougall & Cuzner; lumber, W. C. Edwards Co.

ST. JOHN, N.B. — The Council awarded the following contracts last week: Supply of cast iron pipe, Vroom & Arnold, $3,195.06; vitrified sewer pipe, C. H. Peters' Son, $2,847.50; screens, wooden sluice gates, etc., James Fleming, $1,630.73; gates, St. John Iron Works, $3,149.02; special pipe castings,

(Continued on page 10.)



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"EXTRACT"

RESULTS OF CANADIAN AND UNITED STATES CEMENT TESTS JULY 1ST, 1902, TO JULY 1ST, 1903, AT THE LABORATORY OF THE CITY ENGINEER OF THE CITY OF TORONTO.

C. H. RUST, City Engineer. W. A. CLEMENT, Asst. Engineer.

Brand.	Soundness. Faiji Test.	Specific Gravity.	Residue in per cent. on No. 100 Sieve.	Setting in Minutes.		Tensile Strengths in Pounds per Square Inch.										Where Made.
						Neat.					3 (Sand) to 1 (Cement).					
				Initial.	Final.	1 dy.	7 dys.	28 dys.	3 mos	1 yr.	1 dy.	7 dys.	28 dys.	3 mos.	1 yr.	
Alpha	O. K.	3.177	9.3	222	399	292	752	811	868	841	57	197	271	317	327	United States.
Atlas	O. K.	3.100	9.3	152	387	385	579	622	710	712	61	186	246	305	339	" "
Hercules	41% failed	3.159	7.1	120	240	292	696	836	777	711	51	174	222	242	231	Canada.
Imperial	O. K.	3.213	6.2	40	75	250	352	400	484	485	61	128	176	254	321	"
Lehigh	O. K.	3.183	9.1	166	356	348	746	849	897	880	73	201	273	334	361	United States.
Monarch	4% failed	3.154	7.5	176	355	366	653	701	731	701	66	173	242	303	355	Canada.
NATIONAL	O. K.	**3.135**	**2.1**	**162**	**345**	**307**	**701**	**783**	**827**	**804**	**74**	**214**	**299**	**367**	**368**	"
Rathbun's Star	O. K.	3.140	5.0	123	305	359	581	640	677	676	75	193	255	313	349	"
Samson	7% failed	3.118	6.3	107	252	257	462	525	583	612	67	163	231	284	338	"

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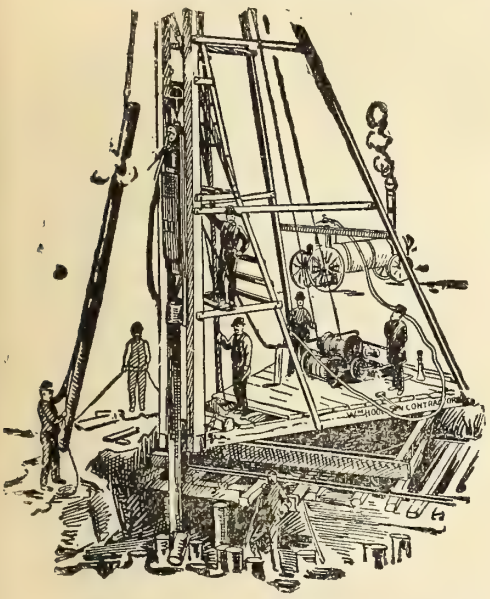

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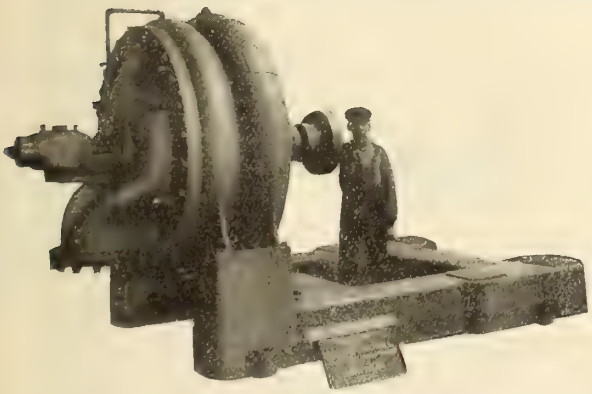

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manhole covers, etc., St. John Iron Works, $663.50; steel rods, James Fleming, $3,178.50.

HAMILTON, ONT. — Chapel for Roman Catholic Corporation, corner Barton street and Sherman ave.: Brick and masonry, M. White; carpentry, Hugh C. Sweeney; painting, T. J. Fitzpatrick; plastering, John Clapham & Son; cost $9,000.

VANCOUVER, B.C. — The contract for all the timber work in flumes, drops, highway bridges, etc., on the main and secondary canals of the C.P.R. irrigation system near Calgary has been awarded to the B.C. General Contract Co., of this city.—Addition to city hall: A. E. Carter, successful tenderer, $5,600.

FORT FRANCES, ONT. — $20,000 Town Debentures: G. A. Stimson & Co., Toronto, purchasers, $20,100 and accrued interest. Other tenderers: W. C. Brent, Toronto, $19,618; Ontario Securities Co., Toronto, $20,055; London & Canadian Loan and Agency Co., $20,055.

WINNIPEG, MAN.—Warehouse on Ross street for H. Leadley: Architect, James Cadham; masonry, Mr. Hodgins; carpentry, John Girvin; 4 stories and basement, 55 × 110 feet, brick and stone, cost $30,000.—Business block, corner Princess and Cumberland streets, for Moore Printing Co.: V. W. Horwood, architect; C. H. Simpson contractor ;90 × 50 feet, stone and brick, cost $30,000.

MONCTON, N.B.—The tender of the Robb Engineering Co., Amherst, N.S., for snpply of engine for electric light plant, has been accepted by the Council, price $5,600. For generators the tenders were: Canadian General Electric Co., $7,000, Canadian Westinghouse Co., $7,218; Allis-Chalmers-Bullock, $7,408; R.E.T. Pringle, $8,585. No award as yet.

MONTREAL, QUE.—The Road Committee have accepted the following tenders for supplies: Granite blocks, Sicily Asphalt Paving Co., $1.48 per square yard; scoria, F. D. Lawrence; powdered carbonate of lime, Laurin & Leitch, $8.45 per ton; rock asphalt, Laurin & Leitch, $2,70; artificial asphalt, Sicily Asphalt Paving Co., $2.21; other asphalt, Sicily Asphalt Paving Co., $2.33; laying five inch block pavement, $1.83; laying scorias, $1.77; laying blocks on sand, 90c, to the Sicily Asphalt Paving Co.; blockstone paving, Laurin & Leitch; laying blockstone, $1.84 per square yard; for laying scorias, $1.34; for laying blocks on sand, 89c.; asphalt sidewalks, Sicily Asphalt Paving Co., $1.70 per sq. yard; lumber, T. J. Scanlan.

THE CEMENT MARKET.

There is a very brisk demand for cement, and although prices are still irregular, the tendency is towards an advance. The feature of the past week has been the awarding of the contract for about 10,000 barrels for the city of Winnipeg, the Owen Sound Portland Cement Company being the successful tenderers. For car load orders f.o.b. Toronto Canadian Portland is quoted at $1.65 to $1.75.

NEW COMPANIES.

Smith Stacker & Feeder Company, Limited, Hamilton, Ont., incorporated, capital $40,000, to manufacture agricultural implements, etc. Directors, H. W. Smith, M. F. Smith, jr., and J. P. Stanton.

Napanee Canning Company, Limited, Napanee, Ont., incorporated, capital $100,000. Directors, W. A. Carson, Thomas Symington, J. E. Caldwell, and others.

A. L. Slipp Lumber Company, Salisbury, N.B., incorporated, capital $75,000. Incorporators, L. A. Wright, Salisbury; James E. Price, Norton; John E. Slipp, George N. Pearson, S. A. McLeod, Sussex.

Flood Piano & Organ Company, Limited, St. John, N.B., incorporated, capital $5,000. Incorporators, E. H. S. Flood, A. L. Fairweather, St. John, and others.

Canadian Manufacturing Company, Limited, Montreal, incorporated, capital $40,000, to manufacture machinery, electric generators and motors, etc. Incorporators, L. Rubenstein, A. D. Gall, Edward Goodwill and others.

Canadian Scale Company, Limited, Montreal, incorporated, capital $20,000, to manufacture scales, etc. Incorporators, C. A. Backer and Robert Osgood, both of Boston, George D. Fyfe, of Montreal, and others.

R. Watt Machine Works, Limited, Ridgetown, Ont., incorporated, capital $50,000. Directors, Richard Watt, W. J. Taylor, and others.

Buster Brown Gas & Oil Company, Windsor, Ont., incorporated, capital $500,000. Directors, Garret Smith Brown, Isabella Emmeline Brown, Jere Lester Wentz and others.

Temiskaming Telephone Company, Limited, New Liskeard, Ont., incorporated, capital $25,000. Directors, Thomas McCamus, Francis S. Brickenden, W. J. Middleton, and others.

Northern Sulphite Mills of Canada, Limited, incorporated, Sturgeon Falls, Ont., incorporated, capital $500,000. Provisional directors, John Craig, George C. Loveys, F. Ford, and others.

The Gas & Oil Company of Springvale, Limited, Springvale, Ont., incorporated, capital $40,000. Provisional directors, S. W. Winger, A. S. Benn, S. Holbrook and W. Crozier, all of Walpole, Mass.

Ottawa Stone Company, Limited, Ottawa, Ont., incorporared, capital $20,000. Directors, H. Robillard, P. J. Delaney, and others.

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Mr. Victor Hill, Niagara Falls, writing for a copy of the CONTRACT RECORD which failed to reach him, says: "Can't do business without the RECORD!"

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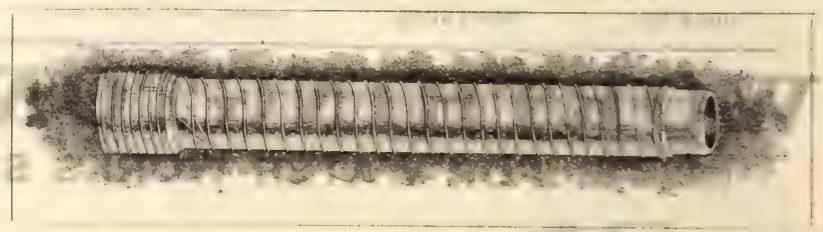

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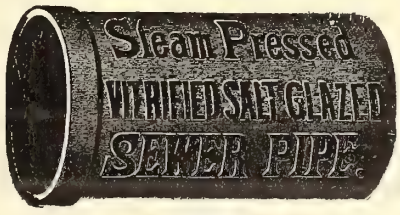

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White Brick, kiln run, per M. on car	$12 00
White veneer brick, per M. on car	14 00
Red pressed brick, per M. on car	30 00 to 32 00
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Hollow Brick	13 00
Vitrified Paving Brick	38 00
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Dimension stone, per cubic ft.	30 c to 35 c
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American hard wall plaster, per ton f.o.b.	15 00
Manitoba hard wall plaster, per ton f.o.b.	15 00
Ordinary hard wall plaster, per barrel	3 25
Pitch pine hard wall plaster, per barrel	4 50
Building papers, Anchor, plain	65 c
Building papers, Cyclone and Jubilee, plain	77½
Building papers, Anchor, tarred	70 c
Building papers, Cyclone and Jubilee, tarred	80 c
Building papers, Shield, tarred	65 c

Sewer Pipe, 3 in., 8½ c; 4 in., 10½ c; 5 in., 14½ c; 6 in., 16½ c; 8 in., 25 c; 9 in., 30 c; 10 in., 36 c; 12 in., 45 c; 15 in., 75 c; 18 in., $1.00; 20 in., $1 50; 24 in., $2 00.

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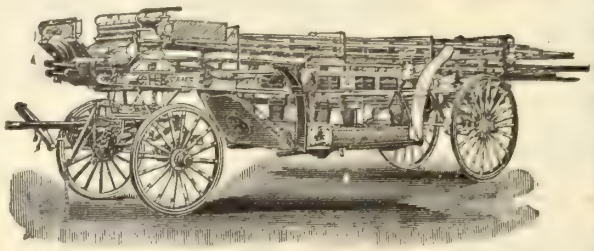

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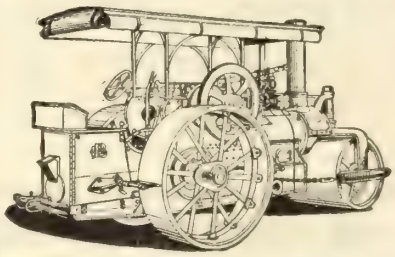

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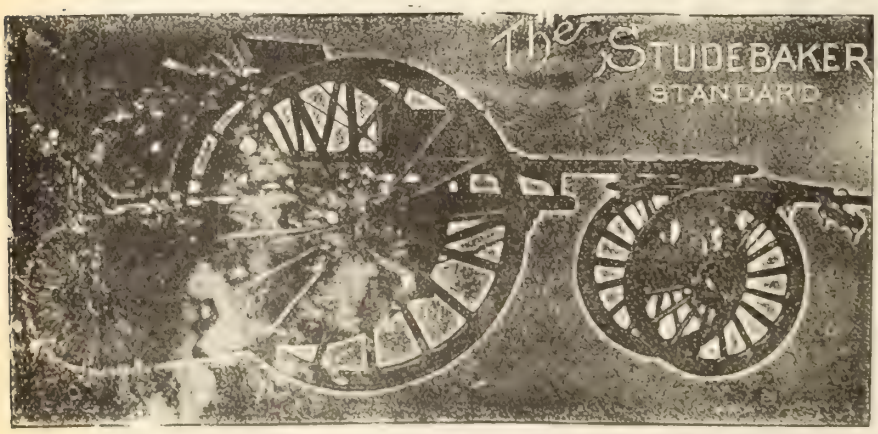

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Because no sweeper so effectually does the work for which it is designed as "The Studebaker." It Sweeps Clean. No sweeper is constructed with the same degree of care and mechanical precision. It Wears Well. "The Studebaker" has the smallest number of working parts, and has less gearing than any other sweeper made. It is free from all unnecessary complications. With reasonable care it does not get out of order. Send for complete descriptive catalogue.

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Does not clog or get out of order. Greatest width of spray Can be graded from driver's seat to any volume.

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for Pavements.

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LUMBER

CAR OR CARGO LOTS, F.O.B. TORONTO.

	Per M. Ft.	
1 inch No. 1 Pine cuts and better	$48.00 to	$50.00
1½ to 2 inch No. 1 cuts and better	51.00	53.00
1½ to 2 inch No. 3 cuts and better	38.00	39.00
1 inch Pine Dressing and better shorts	25.00	27.00
1 x 4, 6 and 8 Common	18.00	19.00
1 x 10 and 12 Common	19.00	21.00
1 inch mill run sidings	21.00	22.00
1 inch mill run	20.00	21.00
1 x 10 and 12 mill culls	15.00	16.00
1 inch dead cull sidings	12.00	13.00
1½ inch Flooring	26.00	27.00
2 x 4 to 10 inch, 10 to 16 feet	15.00	16.00
2 x to 10 inch, 18 feet	16.00	17.00
1½ inch No. 1 4 ft. Pine Lath	3.40	3.60
1½ inch No. 2 4 ft. Lath	3.00	3.10
1½ inch No. 1 4 ft. Hemlock Lath		2.80
XXXX Pine Shingles	2.90	3.00
XXX Cedar Shingles	2.80	2.90
B. C. Shingles:		
XXX 6 butts to 2 inch		2.90
XXXX 6 to 23-16 inch		3.10
XXXXX 5 to 2 inch		3.45

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Ash, white, 1sts and 2nds, 1 to 2 inch	$33.00 to	$35.00
Ash, black, 1sts and 2nds, 1 to 1½ inch	27.00	29.00
Birch, M. R. 1 inch	22.00	24.00
" 1½ inch to 2	23.00	25.00
Basswood, Common and better, 1 to 1¼ inch	24.00	25 00
Basswood, 1½ to 2 inch	25.00	26.00
Elm, soft, mill run, 1 to 1½ in	24.00	25.00
Elm, rock, mill run, 1 to 1¼ in	24.00	26.00
Maple, common and better, 1 to 1½ inch	21.00	22.00
Oak, red plain, 1sts and 2nds, 2 to 4 inch	44.00	46.00
Oak, white, 1sts and 2nds, 1 to 1½ inch	42.00	44 00
Oak, quartered, 1sts and 2nds	70.00	80.00

(Continued on page 14)

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(Continued from page 13)

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Nos. 1, and 2, Red Pressed Bricks
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No. 1 Brown Pressed Brick
Pompeiian Red, Buff and Brown Pressed Bricks
Ornamental Bricks of all kinds for Mantel purposes
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Common Stock Red and Grey Bricks
Sewer Bricks
Stone or Macadamized Roadways

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TORONTO PRESSED BRICK AND TERRA COTTA WORKS

	F.O.B. Milton, Ont.
Red No. 1	13 00
" 2	15 50
" 3	9 00
Buff No. 1	15 00
" 2	13 00
Brown	25 00
Roman Red	30 00
" Buff	35 00
" Brown	40 00
Hard Building	8 00
" Sewer	7 0
" Backing	6 00

Moulded and Ornamental from $2.00 to $5.00 per 100'
Terra Cotta String Courses and Frieze, from 50c. to $2.00 per ft. run.
Roofing Tiles, $20.00 per 1,000.

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	F.O.B. Beamsville.	F.O.B. Montreal.
Red Peerless Facing	$16 00	$21 50
" No. 1	14 00	19 50
" No. 2	12 00	17 50
" No. 3	10 50	15 00
Brown Peerless Facing	20 00	25 50
" No. 1	18 00	23 50
Buff Peerless	20 00	25 50
" No. 1	18 00	23 50
" No. 2	15 00	20 50
Moulded and Ornamental Brick from $3 to $10 per C:		
Roman Red (Size 12 x 4 x 1½ in.)	30 00	35 50
" Buff " "	30 00	35 50
" Brown " "	34 00	39 50
Vitrified Paving Brick No. 1	18 00	23 50
" " " No. 2	15 00	20 50
Sewer	8 00	13 50
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TORONTO POTTERY CO.	F. O. B. Toronto Car lots	Less
Boyd	20 00 M.	25 00 M.
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Repressed Blocks, car lots f.o.b Toronto.... $29 00

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"White Rock" Finishing Lime, per ton, del.		10 00
White and Grey " " "		7 00
Wood Fiber Plaster, neat " "		13 00
Plaster Paris, " "		12 00

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(CARLOADS.)

Canadian (Packages, 350 lbs. net.):				
Rathbun's Star	1 75	2 00	2 20	2 30
Trowel			1 85	1 95
Samson	1 75	1 85		
Magnet	1 55	1 65		
Monarch	1 80	1 90	1 90	2 00
Hercules	1 75	1 75		
Imperial		1 80		
Crescent 375 lbs. gross	2 30	2 40	1 95	2 05
Diamond 350 " "	2 20	2 30	1 85	1 95
"Giant" Brantford	1 70	2 00		
American (in Bags)				
"Helderberg"			1 90	2 00
Alsen				2 25
Lehigh, in bbls., 375 lbs.		2 35	2 10	2 20
" cotton sacks, 350 net		2 00		2 00
" paper bags		2 10		1 85
"Iron Clad" in bags 350 lbs.			1 80	1 90
"Invicta" " " "			1 65	1 70
"Adirondack" " " "			1 50	1 65
Old Reliable "Giant" (350 lbs. net per bbl.)	1 75	1 85	1 80	2 00
"Improved Union"	1 65	1 75	1 70	1 90
"Union"	1 50	1 60	1 50	1 70
Vulcanite (The Toronto Pottery Co., Limited. Toronto) 350 lbs. per bbl. (bags included).				
In paper bags		2 20		
" wooden bbls		2 40		
" cotton bags		2 50		
English (in Barrels):				
Brook's Shoobridge Anchor	2 35	2 40	2 00	2 10
Whites	2 35	2 40	2 05	2 15
Belgian (in Barrels):				
"Josson"	2 60	2 70	2 20	2 30
Hammer			1 80	1 90
White Star	2 15	2 25	1 90	2 00
German (in Barrels):				
Offenbacher				2 35
Alsen	2 65	2 95		2 40
Dyckerhoff	2 65	2 75		2 40
Hercules	2 25	2 35		2 15

CLIMAX STEEL CRUSHERS

PORTABLE AND STATIONARY, 5 SIZES

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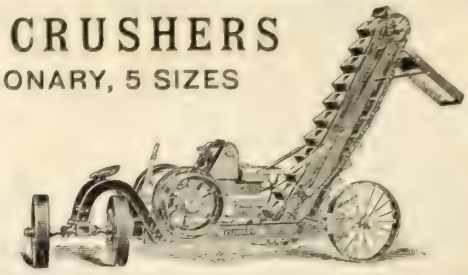

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PLASTER OF PARIS
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CHINA CLAY.

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Capacity five cubic yards per hour.

Continuous in Action.

Specially adapted for Sidewalk and Street Work, and all classes of concrete work where a thorough mixture with but small capacity is required.

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District Offices: MONTREAL HALIFAX OTTAWA WINNIPEG CALGARY VANCOUVER ROSSLAND

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Montreal Pipe Foundry Co., Limited

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Flange Pipe
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Valve Boxes and general Water Works Supplies

Works at: LACHINE, QUE. THREE RIVERS, QUE LONDONDERRY, N. S.

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3 inches to 60 inches diameter.

For Water, Gas, Culvert and Sewer

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RANSOME CONCRETE MIXERS

SIMPLE **DURABLE** **EFFICIENT**

Ransome Mixers have been adopted for use on all sections of the Pennsylvania Railroad $50,000,000 terminal improvements in New York City by the following contractors:

O'ROURKE ENGINEERING CONSTRUCTION CO., (Tunnel Under Hudson River)
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You Cannot Afford an Inferior Machine **You Cannot Purchase a Better**

Ransome Mixers develop higher efficiency than can be attained in mixing concrete by any other method or machine. Under ordinary conditions and fed from wheelbarrows they will readily handle 30 batches per hour. One machine used by Westinghouse-Church-Kerr Company, and fed from overhead bins, mixed 980 batches in 8½ hours.

What They Have Done For Others They Will Do For You

CORRESPONDENCE SOLICITED

F. H. HOPKINS & CO., Montreal

CANADIAN SALES AGENTS

CANADIAN

Contract Record

A Weekly Journal of Public Works, Tenders, Advance Information and Municipal Progress

This Paper Reaches Every Week the Town and City Clerks, Town and City Engineers, County Clerks and County Engineers, Purchasers of Municipal Debentures and Leading Contractors in All Lines Throughout Canada

VOL. 16. TORONTO, MONTREAL, WINNIPEG, MAY 10, 1905 No. 11

THE CANADIAN CONTRACT RECORD
PUBLISHED EVERY WEDNESDAY
As an Intermediate Edition of the Canadian Architect and Builder.

THE C. H. MORTIMER PUBLISHING COMPANY
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OLD DOORS WANTED

I am open to buy a few walnut doors from old buildings being torn down. Please state sizes, prices, or telephone M. 2701. JAS. ROBERTSON, 10 Front St. E., Toronto.

TENDERS

for construction of about 120,000 superficial feet of Concrete Walks, besides Curbs and Crossings, in the Town of Arnprior, Ont., will be received up to noon of the 26TH MAY, 1905. Specifications and other particulars furnished on application to the undersigned.

GEO. E. NEILSON, Clerk.
Arnprior, 29th April, 1905.

Sale of Dredge Work

Notice is hereby given that about three miles of dredging in the Rivard Drain in the Township of Dover, County of Kent, will be sold by public auction at the Town Hall, Dover, Ont., on TUESDAY, MAY 30TH, 1905, at 1 o'clock in the afternoon.

H. N. BECHARD, Commissioner,
Chatham, P. O.

TENDERS

Sealed tenders will be received by Mr. Wm. Davidson (County Clerk of Perth) up to 12 o'clock a. m., TUESDAY, the 6TH DAY OF JUNE, for the construction of a Steel Bridge to be built across the Thames river at the town line of Fullarton, Blanshard and Downie, span 138 ft. c. to c. of end pins.

Also for the construction of abutments and wing walls for the same.

Also for the construction of approaches to the said bridge. The contractor to furnish all material, etc. An accepted bank cheque payable to the Treasurer of the County of Perth for the amount of 5 per cent. must accompany each tender, the same to be forfeited if the tenderer decline the contract or fail in the performance thereof, and to be returned in case of non-acceptance.

Plans and specifications for each contract may be seen at the County Clerk's or Engineer's offices.

The lowest or any tender not necessarily accepted.

JOHN ROGER, Engineer,
Mitchell, Ont.

COUNTY DEBENTURES FOR SALE

Tenders are desired by the undersigned up to noon of the 20TH MAY, 1905, for the purchase of 20 Debentures of the County of Hastings, aggregating $20,000, drawing 5 per cent. from the 2nd day of November, 1904.

One Debenture and all interest coupons paid each year. First such payment on first November, 1905.

Further information given on application to

WM. R. AYLSWORTH, County Clerk,
Belleville, Ont.

TOWN OF PETERBORO

NOTICE TO CONTRACTORS

Sealed tenders will be received by the Chairman of the Board of Works, Peterboro, until 8 p. m. on FRIDAY, MAY 19th, 1905, for the construction of a Main Sewer and Sedimentation Tank in Ashburnham or Ward No. 5. This sewer comprises:

270 feet of 14 inch iron submerged outlet pipe.
1400 feet of 18 inch tile pipe.
1300 feet of 15 inch tile pipe.

Plans and specifications may be seen at the office of the Consulting Engineer, Toronto, and at the Town Clerk's office, Peterboro.

S. R. ARMSTRONG, Esq.,
Town Clerk,
Peterboro.

FRANK ADAMS, Esq.,
Chairman Board of Works,
Peterboro.

WILLIS CHIPMAN, C. E.,
Consulting Engineer,
103 Bay Street, Toronto.

Tenders Wanted

The undersigned will receive tenders up to MAY 27TH, for the construction of three Municipal Drains in the Township of East Oxford.

The Gibb Drain is composed of 7300 ft. of tile drain and the cleaning out of 400 ft. of open ditch.

The Hopkins Drain is composed of 6700 ft. of tile drain and the cleaning out of 2100 ft. of open ditch,

The Rice Drain consists of the cleaning out of 10,300 ft. of open ditch.

All field tile for the above will be furnished and laid on the ground by East Oxford Council.

Tenderer to state at what time he will bind himself to have the work completed. Tenders for 1905 preferred.

All work to be done according to the plans and specifications of F. J. Ure, C. E.

The lowest or any tender not necessarily accepted,

For the depths at the several stakes and all other information in connection with the above drains apply to

F. G. JACKSON, Clerk, E. Oxford,
E ½ Lot 14, Con. 4,
Oxford Centre P. O.

Dated at East Oxford, this 4th day of May, 1905.

TENDERS

will be received by the undersigned up to 6 p. m., MONDAY, MAY 22ND for the construction of Cement Concrete Sidewalks in the Town of Petrolia, Ont., during the season of 1905.

Specification of work may be seen and other information obtained at the office of the undersigned.

The lowest or any tender not necessarily accepted.

J. McHATTIE, Town Clerk.
Petrolia, Ont., May 6th, 1905.

Tenders Wanted

Sealed tenders marked "Tenders for Cement Concrete Walks," will be received up to 8.30 p. m. on MAY 17TH, 1905, for the construction of about 20,000 square feet of Cement Concrete Walks in the Town of Dunnville, Ont.

Specifications may be seen at the office of the undersigned on and after the 3rd instant.

Tenders to be accompanied with a marked cheque for $100, which will be returned to unsuccessful tenderers. Contractors will be required to furnish bonds. No tender necessarily accepted. Address,

J. W. HOLMES, Clerk.
Dunnville, May 3rd, 1905.

Tenders Wanted

Sealed tenders will be received by the undersigned up to SATURDAY, MAY 13th, 1905, for the erection of a Brick and Stone Church in the town of St Mary's, Ont. Tenders received for the whole or a part. Plans and specifications may be seen on or after FRIDAY, MAY 5th, at the office of R. Shepherd, Town Hall, St. Marys, or at the office of W. Fletcher Shepherd, Architect, Duffield Block, London. The lowest or any tender not necessarily accepted.

ANDREW KNOX, M. D.
Secretary Building Committee,
St. Marys, Ont.

Tenders for Boilers

The Board of Water Commissioners for the City of Brantford will receive tenders for three new boilers to be placed in their pumping station in Brantford up to

MAY 27th NEXT.

Specifications and drawings may be seen at the Secretary's office, City Hall, Brantford.

FRED W. FRANK,
Secretary.

TENDERS WANTED

Sealed tenders will be received by the undersigned until MAY 25TH, 1905, for the building of Moosomin Town and Fire Hall Building, to be of brick, size 45x82 feet, 3 storeys high.

Plans and specifications can be seen with Frank R. Evans, Esq., Architect, Winnipeg, Man., or with the undersigned.

An accepted cheque for 5% must accompany each tender.

The lowest or any tender not necessarily accepted.

JOHN SMITHERS,
Secretary Treasurer,
Town of Moosomin.

[FOR ADDITIONAL ADVERTISEMENTS FOR TENDERS SEE NEXT PAGE.]

TENDERS

for the construction of about 34,000 feet Granolithic Sidewalks in the Village of Lucknow, Ont., will be accepted up to noon MAY 24TH 1905. Specifications on application. No tender necessarily accepted.

P. A. MALCOMSON, Clerk.

TENDERS

TRADERS BANK BUILDING

Sealed bulk tenders for the erection of the above building will be received up to noon, 15TH MAY, 1905, at the office of the undersigned, Mail Building, Toronto, where plans, etc., may be seen and conditions ascertained.

CARRERE & HASTINGS & F. S. BAKER,
Associate Architects.

TENDERS

Tenders will be received by the undersigned up till noon, MAY 26TH, for all the various trades required in the erection of a Brick or Cement Church Building in Hillsburg. Plans and specifications may be seen at the Walker House, Toronto, from one o'clock p.m., May 15, till four o'clock p. m., May 16, and at F. W. Royce's, Hillsburg, after May 17.

The lowest or any tender not necessarily accepted.

D. H. THOMSON,
Hillsburg, Ontario.

May 4, 1905

Tenders Wanted

Tenders will be received by the undersigned up to SATURDAY EVENING, MAY 20TH, 1905, for the laying of about 16,000 square feet of Granolithic Sidewalk in the Town of Uxbridge.

Tenders will be received for the furnishing of all the material and also for just the work and gravel without the cement.

The lowest or any tender not necessarily accepted.

Copies of the specifications may be seen at the clerk's office.

J. W. GOULD, Town Clerk.

Tenders Wanted

Sealed tenders are invited by the undersigned until 9 o'clock of the 18TH DAY OF MAY, 1905, for the construction of a bridge over the Big Forks Creek on Chippewa road, lot 15, of the Township of Wainfleet.

The substructure to be of concrete built on piling; the superstructure to be of steel 45 ft. in length with a clear roadway of 16 ft. width Tenders will be received for substructure and superstructure separately if so desired.

Plans and specifications may be seen at residence of Mr J. F. Aulph, Lot 14, Fork's Road, Township of Wainfleet.

The lowest or any tender not necessarily accepted.

JOHN HILL,
Reeve Township of Wainfleet,
Burnaby, Ont.

Tenders for Bridge

Sealed tenders, addressed to the Warden County of Bruce, will be received up to JUNE 17TH for the construction of the following works:

Two concrete abutments, about 500 cubic yards.

One pier, about 175 cubic yards; water 8 to 10 feet deep

One steel bridge 230 feet c to c, 16 foot roadway. L. load 80 pounds per square foot, moving load of 6 tons on 6 foot axles; and for 2 spans of 115 feet c to c, with tamarac or rock elm flooring, and for same bridges with concrete flooring. Bridge 5 miles from Port Elgin, G. T R. Contractors to furnish their own plans, which must be sent in by the 10th of June for inspection.

An accepted bank cheque, payable to the Treasurer of the County of Bruce, for the amount of 5 per cent. of contract, must accompany each tender, the same to be forfeited if tenderer declines entering into contract, and will be returned in case of non-acceptance.

Specifications may be seen at the office of the Warden, W. McDonald, Chesley, George Sirrs, Cargill P. O., or James Warren, Engineer, Walkerton.

The lowest or any tender not necessarily accepted

W. McDONALD, Warden,
May 8th, 1905. Chesley, Ont.

WANTED

Correspondence with a view to partnership Architect with ten years experience. Good draughtsman, specialty supervision. Desires to locate in an eastern city. Address Box 76 CONTRACT RECORD, Toronto.

TENDERS

will be received by the undersigned up till noon on THURSDAY, THE 18TH INST., for all trades required in the erection of a Bank Building, corner of Dundas Street and Brock Avenue, for the Bank of Nova Scotia.

The lowest or any tender not necessarily accepted.

DARLING & PEARSON, Architects.
2 Leader Lane, Toronto.

TENDERS

will be received at the office of the undersigned up till noon on FRIDAY, THE 12TH INST., for all the various trades required in the erection of a Women's Residence in Queen's Park, Toronto, for the Toronto University.

The lowest or any tender not necessarily accepted.

DARLING & PEARSON,
2 Leader Lane, Toronto, Ont.

To Contractors

Tenders will be received by the undersigned up to 6 o'clock SATURDAY, MAY THE 13TH, for the various trades required in the erection of a brick and stone residence on Crescent Road Plans and specifications may be seen and all other information obtained at the offices of the architect. The lowest or any tender not necessarily accepted.

GEO. W. GOUINLOCK, Architect,
1108 Temple Building, Toronto.

Tenders Wanted

Sealed tenders will be received by the undersigned marked "Tenders for Electric Lighting" up to SATURDAY, THE 27TH DAY OF MAY, 1905, for lighting the streets of the Town of Orangeville, Town Hall, Fire Hall and Engineer's Residence and Band Stand.

Full particulars can be had by corresponding with the undersigned.

The lowest or any tender not necessarily accepted.

A. A. HUGHSON, Town Clerk,
Orangeville P. O., Ont.

TENDERS

Sealed tenders, addressed to Mr. A. C Rutherford, Secretary-Treasurer of the Municipality of the Town of Strathcona, Alberta, will be received until 6 p.m on MONDAY, MAY 25TH, 1905, for the Excavation, Pipe Laying and Backfilling of five miles (the whole or in sections) of Sewers, Water Mains and Connections construction of Manholes, Valve Chambers and Catch Basins and setting Hydrants and Valves.

The Town will furnish sewer and water pipe, ironwork, hydrants, valves and specials.

Each tender must be accompanied by an accepted marked cheque or cash deposit equal to 5 per cent. of the total amount of the tender.

The Town does not bind itself to accept the lowest or any tender.

Plans, specifications, form of tender, etc, may be seen at the office of the undersigned.

A. J. McLEAN,
Town Engineer.

Strathcona, May 3rd, 1905.

CITY OF BRANTFORD

NOTICE TO CONTRACTORS

Sealed Tenders, addressed to R. W. Robertson, Esq., Chairman of the Board of Works, in care of the City Clerk, Brantford, Ont., will be received till 12 o'clock, noon, on

Thursday, May 25th, 1905,

for the construction of about 50,000 square feet of Concrete Sidewalks.

Specifications may be seen and forms of tender obtained at the City Engineer's Office, Brantford.

The lowest or any tender not necessarily accepted.

T. HARRY JONES, M. Can. Soc. C. E.,
City Engineer.

City Engineer's Office,
Brantford, May 8th, 1905.

CONTRACTS OPEN.

ST. STEPHEN, N.B.—An engineer will be engaged to report on sources of water supply.

CALGARY, N.W.T. — The C.P.R. have donated a site for proposed Y.M.C.A. building.

DUNDAS, ONT.—Plans for building $15,000 High school are under consideration.

WOODBRIDGE, ONT.—A $1,500 by-law for cement sidewalks will be voted on May 12.

HALIFAX, N.S.—The City Council will erect a market building, at a cost of $60,000.

CHATHAM, N.B.—A lot has been purchased from Andrew Hayes for contagious diseases hospital.

SWAN RIVER, MAN.—An effort is being made to have an electric light plant installed here.

COWANSVILLE, QUE.—Construction of concrete sidewalks this summer is under consideration.

MINETTE, MAN.—Plans are being prepared and tenders will be invited for new church here.

COATICOOK, QUE.—St. Stephen's congregation will take steps towards building a new church.

MONCTON, N.B. — M. J. Steeves desires tenders by 20th inst. for enlargement of Baptist church.

OTTAWA EAST, ONT.—The Council have decided to erect a public school building, at a cost of $10,000.

SARNIA, ONT.—A by-law to provide funds for waterworks improvements was passed in Council last week.

PENETANGUISHENE, ONT. — The town contemplate laying cement sidewalks on each side of Main street.

WOLSELEY, N.W.T. — Mr. Cochrane has submitted to the Council a proposition to build a flour mill here.

TABOR, N.W.T.—The residents are figuring on an improved waterworks system, at estimated cost of $10,000.

TILBURY, ONT.—A committee has been appointed to secure plans for a new town hall, cost not above $10,000.

McCREARY, MAN. — P. Riddell desires tenders by 14th inst. for erection of frame church on stone foundation.

RIVER HEBERT, N. S. — The Minudie Coal Co. want tenders by 18th inst. for supply of 15,500 railroad ties.

EAST TORONTO, ONT. — Plans have been completed for reconstruction of Y.M.C.A. hall, including new wing.

BELLEVILLE, ONT. — The proposed drill hall will likely be built on corner of Pinnacle and Bridge streets.

GUELPH, ONT.—Richard Mitchell, city clerk, will receive tenders up to 11th inst. for construction of cement sidewalks.

PAISLEY, ONT. — Tenders received by F. P. Shepard up to June 5 h, for two coal furnaces for public school building.

FORT WILLIAM, ONT. — Dr. Hamilton will erect a row of store buildings on Stewart street, brick, two stories.

GALT, ONT.—The Town Council are considering a proposition looking to the installation of a municipal lighting plant.

WESTON, ONT.—The Council will ask the Grand Trunk and Canadian Pacific railroads to build a Union station here.

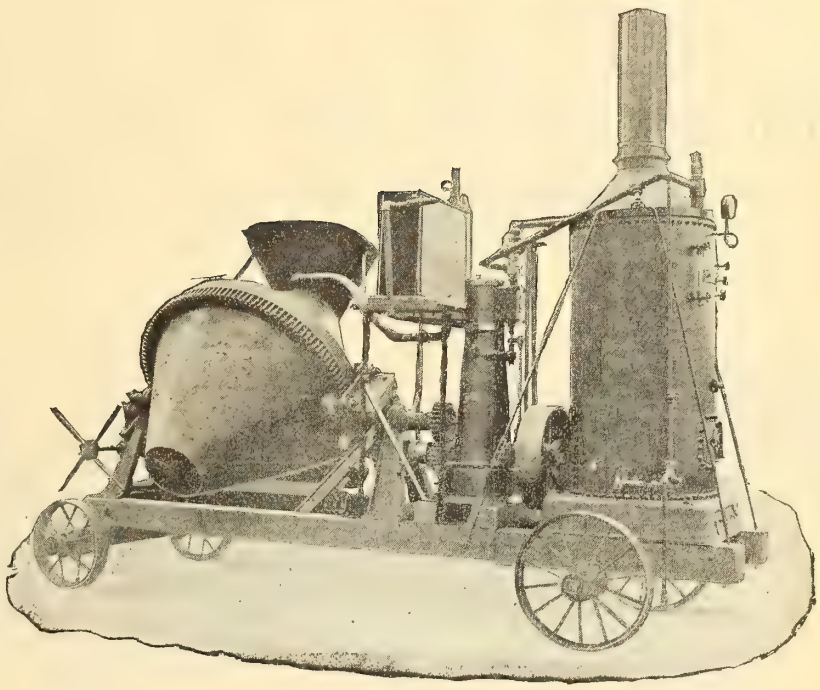
QUE'APPELLE, N.W.T. — Tenders invited by J. C. Starr up to 10th inst. for building new school here, brick, stone basement.

QUEBEC, QUE.—J. E. Tanguay, architect, has prepared plans for new

THE SMITH CONCRETE MIXER

Fitted with ROTARY PUMP and AUTOMATIC WATER TANK.

For Use in Places which Lack a Ready Supply of Water Under Pressure.



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Complete Rock Crushing and Concrete Mixing Plants
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W. H. C. MUSSEN & CO.

RAILWAY, MINING AND CONTRACTORS' SUPPLIES.

MONTREAL

building on St. Joseph street for E. Simard & Co.

MEAFORD, ONT.—G. G. Albery, Town Clerk, desires tenders by 15th inst. for granolithic sidewalks.

ST. CATHARINES, ONT. — Tenders wanted by R. E. Speakman, C.E., by 15th inst. for granolithic sidewalks.

BRANDON, MAN.—The time for receiving tenders for extension of waterworks mains has been extended to 15th inst.

CHATSWORTH, ONT.—W. J. Winter, village clerk, wants bids by 10th inst. for purchase of $1,000 4 per cent. debentures.

GUELPH, ONT.—The by-law having received its third reading in Council, the Canada Glue Co. will now proceed to erect a plant.

BROCKVILLE, ONT. — B. Dillon, architect, wants tenders by 15th inst. for erection of drive house and stable for A. E. Cameron.

FORT FRANCES, ONT.—Tenders will be invited immediately for erection of town and fire hall, red brick, stone or cement foundation.

GLACE BAY, N.S.—A public meeting will be held on May 22nd to discuss the borrowing of money to extend the waterworks system.

PRESCOTT, ONT.—A by-law to assist the Palmer Piano Co., of Toronto, to build a factory here was carried by the ratepayers last week.

ST. ALBERT, N.W.T.—Tenders are invited for erection of a brick grist mill and elevator. Plans by H. D. Johnston, architect, Edmonton.

LONDON, ONT.—F. W. Farncomb, C.E., is taking tenders up to the 15th inst. for concrete abutments for bridge at Melrose, Lobo Township.

PARRY SOUND, ONT.—ONT.—The Electric Light Committee have reported in favor of improving the electric plant, at a cost of $17,000.

HILLSBURG, ONT. — Tenders requested by D. H. Thomson up to 26th inst. for erection of a brick or cement church. Plans at F. W. Royce's after 17th inst.

ROCKLAND, ONT.—Debentures to amount of $6,000, for purpose of erecting a high school, are offered for sale. Particulars from Rev. S. S. Hudon.

WINGHAM, ONT.—A by-law will be submitted to the ratepayers to provide for the construction of a system of waterworks and building a trunk sewer.

PARIS, ONT.—The Board of Education have asked the Council to build a new school in North Ward and a two-room addition to the King's Ward school.

LYNDHURST, ONT. — The water power here, mentioned last week as likely to be developed, is owned by John Roddick & Son and R. G. Harvey & Son.

FREDERICTON, N.B.—The New Brunswick Government are asking for tenders up to 22nd inst., for rebuilding MacFarlane bridge over east branch of Turtle creek.

SASKATOON, N.W.T.—Tenders invited by William P. Bate up to 15th inst. for erection of two-roomed brick-veneered school building. Plans by D. Campbell, architect.

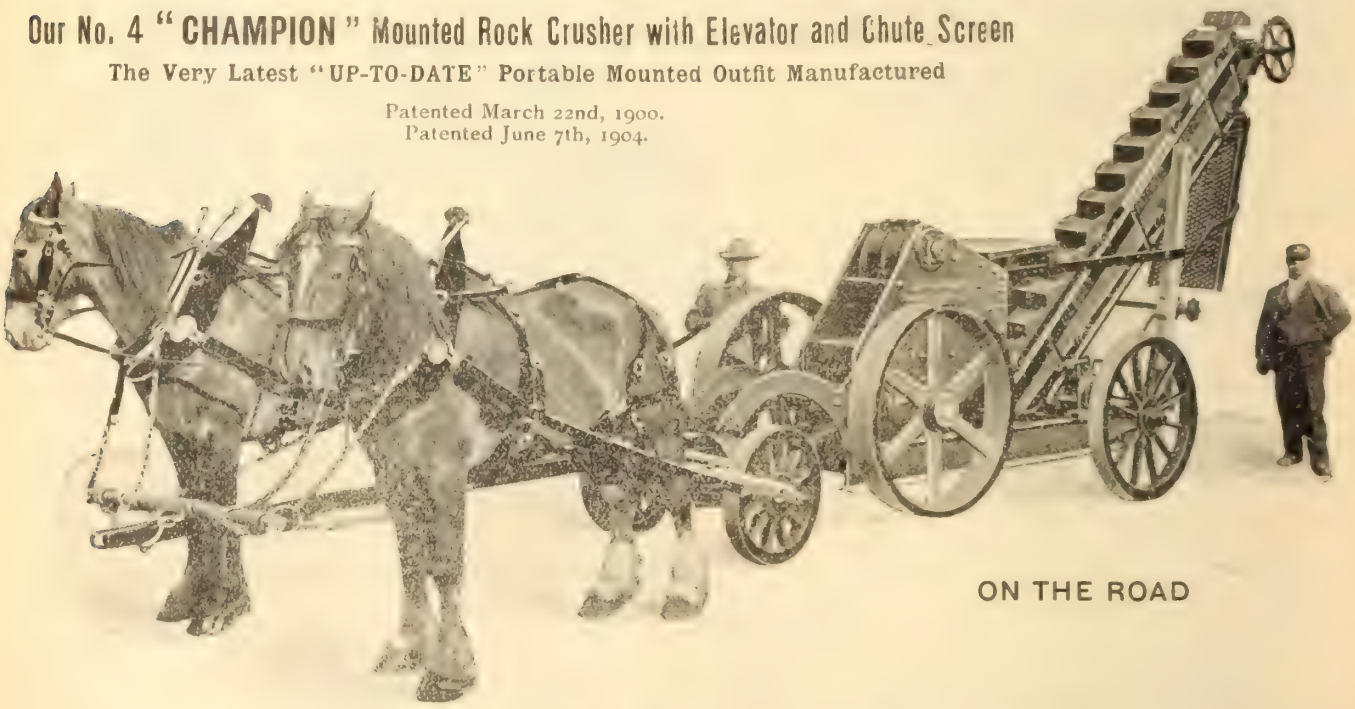
SUSSEX, N.B. — The Council have

THE GOOD ROADS MACHINERY COMPANY, LIMITED, Hamilton, Canada

Our No. 4 "CHAMPION" Mounted Rock Crusher with Elevator and Chute Screen

The Very Latest "UP-TO-DATE" Portable Mounted Outfit Manufactured

Patented March 22nd, 1900.
Patented June 7th, 1904.



The Steel "CHAMPION" Rock Crusher is the result of years of practical experience in crushing Rock from the limestone Ridges to the very hardest Syenite Rock. For crushing hard Boulders they have been proved to be superior to all competitors.

All mechanics agree that the simpler the machine the more valuable it is. In complicated machines look out for trouble and expense.

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Address—Late Killey Beckett Works, 144 York Street, HAMILTON, ONT.

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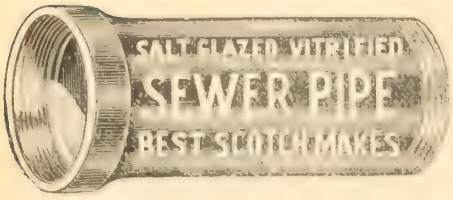

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MILLER BROS. & TOMS
MONTREAL

decided to build a waterworks pumping station and install a gasoline engine, a vote of the ratepayers on the project to be taken May 16th.

NORTH VANCOUVER, B.C.— A. Wallace has submitted a proposition to the Council to establish a shipyard and build a marine railway, at an estimated cost of $68,000.

HAILEYBURY, ONT. — W. D. Davidson, of Rawdon, Que., is endeavoring to interest capital in the establishment of a large woodenware factory here. Government assistance is asked.

MEDICINE HAT, N.W.T. — By-laws were last week carried unanimously to provide $12,000 to sink a new municipal gas well, $30,000 for town hall and $10,000 for extension of waterworks.

PORT HOPE, ONT.—The Department of Militia and Defence, Ottawa, desire tenders by the 22nd inst. for construction of rifle range here. Plans on application to Captain W. J. Robertson.

MOOSOMIN, N.W.T. — Last week the ratepayers approved of by-laws to raise $20,000 for erection of town hall and weigh-scales, $7,000 for fire protection apparatus and $5,000 for system of drainage.

ST. MARY'S, ONT. — By-laws were defeated here last week to provide $10,000 for bridges and sidewalks, $10,000 for permanent roads and $15,000 for extension of waterworks and electric light plants.

PORT COLBORNE, ONT. — The Department of Railways and Canals, Ottawa, are asking for tenders up to 22nd inst. for docking along the Old West pier. Plans at office of engineer in charge.

PRESTON, ONT.—The Council will engage an engineer to report upon the cost of installing waterworks and sewerage systems.—Plans have been completed for new Baptist church, corner King and Dover streets.

ST. JOHN, N.B.—Keenan & Ratchford, hardware dealers, will erect a two-storey building on Peter street.—Ontario capitalists propose establishing an 8-storey cold storage warehouse here. Hon. C. N. Skinner, K.C., can give particulars.

PICTON, ONT.—The Electric Light & Waterworks Commissioners have requested the Council to raise $8,000 for waterworks improvements and a similar amount for improvements to electric light plant.—Frank Graydon intends building a residence.

CHATHAM, ONT.—J. L. Wilson & Son, architects, are taking tenders up to 15th inst. for erection of a 3 story stone and brick hotel, with steam heating, for John Glassford.—The Chatham Bent Goods Co. propose to erect a brick building 60 × 175 feet, cost $5,000.

PORT ARTHUR, ONT.—The Canadian Northern Railway will commence work at once on a new station here, to cost $35,000.—Engineer MacDougall has been instructed by the Council to proceed with the construction of another storage dam for waterworks purposes.

EDMONTON, N.W.T. — Extensive sidewalk improvements are to be undertaken and tenders have been invited for supply of the necessary cement.—The Council will likely purchase a chemical engine and hose wagon.—Plans have been prepared for new edifice to replace Grace Methodist church.

PEEL HEAD BAY, QUE. — F. Gelinas, Secretary Department Public Works, Ottawa, will receive tenders up to May 29th for construction of landing pier here. Plans at offices of P. Beland, Quebec, C. Desjardines, Montreal, and on application to Postmasters at Ste. Sebastien and Clarenceville, Que.

VICTORIA, B.C.—Thomas Hooper, architect, is at work on the plans for the

JOHN GALT, C.E.&M.E.
MEM. CAN. SOC. C.E. AND C.E.A., ETC.
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IRA G. HEDRICK, Mem. Can. Soc. C. E. Mem. Inst. C. E. Mem. Am. Soc. E. C.
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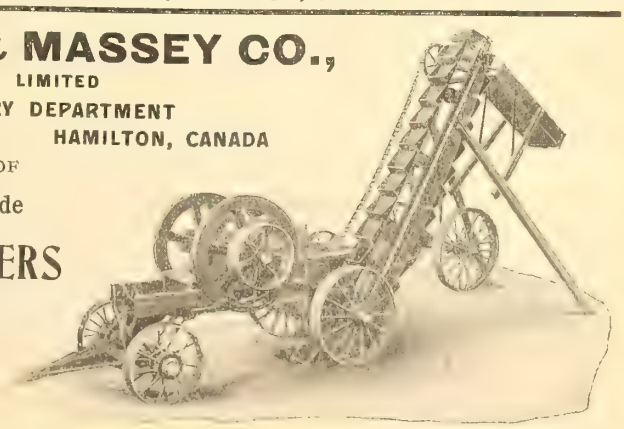

Handsome Illustrated Catalogue and Calendar on Application.

Old Men's Home.—P. Finch, of Finch & Finch, will build a fine residence opposite the Central school.—It is probable that the Council will grant an acre of land to W. J. Pendray & Sons for the establishment of soap and paint works.

NEW CAMPBELLTON, N.S.—The Dominion Government are asking for tenders up to 25th inst. for reconstruction of top of wharf and construction of retaining wall, pile and crib work at this place. Plans on application to the Postmaster and at office of E. G. Millidge, Antigonish, and C. E. W. Dodwell, Halifax.

OWEN SOUND, ONT.—Contracts will be let this week for proposed Y.M.C.A. building. Forster & Clark, architects. —The Town Council have decided to erect a permanent bridge across the Sydenham river at Poulett street. It will be built either wholly of concrete or concrete on stone abutments with steel superstructure. Tenders will be invited in the near future.

MOOSE JAW, N.W.T.—H. Jagger will receive tenders up to 15th inst. for erection of 8-room school with assembly hall, of brick and stone with stone basement. Plans by W. A. Elliott, architect, Brandon. Tenders also received up to 15th inst. for installing system of steam heating and ventilating and for plumbing in public school.

PETERBORO, ONT. — The ratepayers defeated the by-law to provide $25,000 for erection of a new fire hall.—The Peterboro Lock Co. have decided to build their new factory on North Water street, 3 stories, brick, stone foundation, cost $30,000.—F. Bartlett, architect, is this week taking tenders on a brick veneered residence.

BRANTFORD, ONT. — The Bell Telephone Co. has definitely decided to erect a new building on Dalhousie street, this city.—Stewart, Witton & Taylor, architects, are preparing plans for a new building to be built in connection with the new Burford armory.— The Heintz Pickle Co. have secured a site within the city limits for their proposed building.—D. W. Robb, of Boiler Inspection & Insurance Co., Toronto, has recommended that new waterworks boilers be installed at once.

NIAGARA FALLS, ONT. — J. L. Nichols, architect, is preparing plans for the $4,000 building to be built at corner of Ferry and Ann streets for B. Ganitano.—Plans are being prepared for addition to factory of Dominion Suspender Co., brick, 85 × 30 feet, two stories.—E. D Pitt, architect, has made preliminary plans for hospital building, 180 feet in length, two stories and basement mansard roof.—The Fire, Water & Light Committee want two new hose wagons, new nozzles and 1,000 feet of hose.

COLLINGWOOD, ONT. — P. C. Palin, architect, has invited tenders for residences for J. Woolner, this town, Alex. Earl, Creemore, and C. Begg, Parry Sound, also for residence for Bank of Montreal manager.—Dan. Wilson has purchased two lots on Cedar street and is having plans prepared for a large residence.—The Board of Works are in favor of proceeding at once with installation of sewerage system, on plans by R. McDowall, C.E.—The proposed Y.M.C.A. building will be brick, three stories, main portion 36 × 38 feet, gymnasium 50 × 30 feet.

HAMILTON, ONT.—The Executive of St. Andrews Society will report on the project to erect a new building.—John Cole will build a $2,000 brick residence on George street, between Locke and Pearl street.—Plans have been submitted to the owners of the Royal Hotel for an addition of two stories and for installation of Turkish baths, at a cost of $25,000. — Liberal subscriptions have been received for the new Presbyterian church at head of Wentworth street and it has been decided to have plans prepared at once.—Robert Kirkpatrick purposes building three fine dwellings on corner of Herkimer and Hess streets.—C. A. Birge has purchased property on Barton street on which a new Methodist church will be built.

VANCOUVER, B.C.—Plans are being prepared for new block at Pender and Seymour streets for A. St. G. Hamersly. Honeyman & Curtis, architects. — James Kelley, architect, has taken tenders on a Catholic church.—By-laws will be submitted to the ratepayers to provide funds for the following purposes: Street improvements, $350,000; re-surfacing streets, $60,000; improvement of English Bay beach, $10,000; new fire hall and other improvements, $47,500.—Mr. Palmer, of the Dunbar Fire Brick Co., of Pittsburg, is expected here this month to inspect the clay deposits at Matsqui, where he is considering the establishment of a factory for the manufacture of clay fire brick and paving pottery.—The C.P.R. are having plans prepared for extensive improvements at False Creek. Their yards and shops will be enlarged and freight sheds may be erected.

MONTREAL, QUE.—The directors of St. Patrick's Orphan Asylum have purchased the Robert farm at Cote des Neiges and will probably erect a large institution on the site.—L. O. David, city clerk, desires tenders by 11th inst. for supply of 100 hydrant valves, 5,000 ft. cotton hose, 100 salvage covers and extension and wall ladders.—The east wing of the proposed Western Hospital will be commenced about June 1st, as soon as the architects have made some changes in the plans. The complete building will cost about $200,000.—Plans

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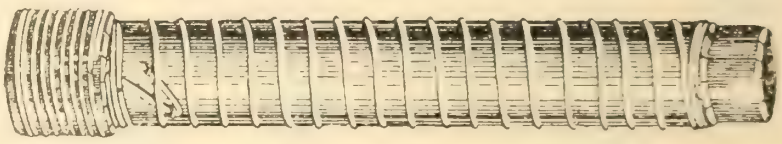

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have been approved for a convent building for the Sisters of Notre Dame at corner of Atwater ave. and Sherbrooke streets, to be 578 × 50 feet, cost about $800,000.—The shareholders of Windsor Hotel Co. have authorized the directors to proceed with the erection of a new wing, for which plans will be prepared immediately. The material will be stone. —The Walter M. Lowney Co., of Boston, Mass., will build a candy factory on William street, this city.

OTTAWA, ONT. — William Rea, Secretary School Board, will receive tenders up to 11th inst. for erection of new school buildings on Cartier and Concession streets, also for addition to Archibald street school. Plans at office of W. B. Garvock, corner of Rideau and Chapel streets.—Arrangements are said to have been completed by Canadian and American capitalists for the erection of a palatial hotel on Elgin street, extending from Queen to Albert streets, 8 stories, of reinforced concrete construction. Plans for same have been prepared by B. L. Gilbert, of New York, and the cost is likely to be upwards of a million dollars. Preliminary work will be commenced this summer. J. K. Paisley, of the Grand Union Hotel, and J. S. Irvin of the International Portland Cement Co., this city, are interested.—The main building of the University of Ottawa being completed, it is probable that in the near future work on the wings will be commenced.—The Montreal Suspender & Umbrella Co. are negotiating with the City Council to establish a factory here. They will erect a building 350 × 60 feet, two stories.

WINNIPEG, MAN.—The William Weld Publishing Co. have purchased a lot, 50 × 100 feet, on corner of Princess and Henry aves., where they will erect an office building for the Farmers' Advocate.—The Winnipeg Street Railway Co. will build a new station to cost $100-000 on Mill street, near Lombard.—The City Engineer has been instructed to proceed with erection of waterworks pumping station, at estimated cost of $8,500.—J. H. G. Russell, architect, is taking tenders up to 11th inst. for erection of stone and brick warehouse for the Canadian Moline Plow Co.—A. & W. Melville, architects, have taken tenders for a five-storey hotel to be built on the site of the present Brunswick House.—The by-law to provide $200,000 for the building of four schools was carried by the ratepayers last week.—Rev. Frank E. Jensen, representing the Evangelical Lutheran Church of North America, has closed a deal for a site on the corner of Ellice and Agnes streets on which a church to cost about $10,000 will be erected.—The City Engineer has reported on three plans for bridges to cross the Red river, ranging in cost from $75,-000 to $154,000.—Tenders close 11th inst., at the office of Darling, Pearson & Over, for erection of General Hospital at Portage la Prairie. Same architects have this week taken tenders on residence on Assiniboine ave. for J. C. Gordon.—J. D. Atcheson & Co. want tenders by 15th inst. for erection of apartment building on Balmoral and Sargent streets.—William Fingland, architect, is taking tenders up to 13th inst. on apartment block on Osborne street, near Broadway.—A meeting of the shareholders of the Masonic Temple Association will be held this week to consider plans for building an addition to the present temple.—It is reported that Gourlay, Winter & Leeming, of Toronto, will erect a warehouse and show rooms on Donald street.—Darling, Pearson & Over will likely invite tenders this week for new building for the Winnipeg Coffee and Lodging House Association.—James Chisholm, architect, is taking tenders up to 12th inst. for a brick veneer dwelling on Smith street for William Stephenson.—V. W. Horwood, architect, wants tenders by 14th inst. on residence on Cathedral ave. for W. C. Birt.

TORONTO, ONT.—Carrere & Hastings and F. S. Baker, associate architects, Mail Building, are asking for bulk tenders up to May 15th for erection of the new Traders Bank building on corner of Yonge and Colborne streets.—Tenders are wanted at 338 Wilton ave. for all trades for erection of residence.—Plans of brick or cement church to be built at Hillsburg Ont., may be seen at the Walker House, this city, from 1 o'clock p.m. May 15, till 4 o'clock p.m. May 16. Tenders close 26th inst.—A meeting of the National Club is being held to-day and it is expected that authority will be given to proceed with erection of new club house on Bay street adjoining the Molson's Bank, cost $75,000.—The Separate School Board will install a system of hot air heating in St. Helen's school and may build a two-room addition to St. Basil's school.—The Toronto Presbytery have decided to permit the Dovercourt Presbyterian congregation to erect a new building at corner of Dovercourt road and Hepburne street.—The Board of Control want tenders by 18th inst. for supply of five 16-inch stop valves, also up to 16th inst. for construction of concrete sidewalks and asphalt, bitulithic vitrified block, brick, and tar macadam pavements.—J. J. Seitz has purchased the buildings at Nos. 12 to 24 Lombard street, and will probably build a modern warehouse on the site.—W. J. McGuire & Co., plumbers, have purchased a building site in the old Upper Canada College grounds.—The McLachlan Gasoline Engine Co. have decided to build a new factory near the Toronto Bolt & Forging Works at Swansea.—The Pease Furnace Co. will build a foundry south of the C.-P.R. tracks, between Ossington ave. and Shaw street, to cost $25,000.—It is understood that a modern office building will be erected on Bay street opposite the fire hall.—Tenders are wanted for interior work, painting and paperhanging at Wycliffe College. Specifications at the Bursar's office, 39 Confederation Life Building.—Plans have just

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RESULTS OF CANADIAN AND UNITED STATES CEMENT TESTS JULY 1ST, 1902, TO JULY 1ST, 1903, AT THE LABORATORY OF THE CITY ENGINEER OF THE CITY OF TORONTO.

C. H. RUST, City Engineer. W. A. CLEMENT, Asst. Engineer.

Brand.	Soundness. Faiji Test.	Specific Gravity.	Residue in per cent. on No. 100 Sieve.	Setting in Minutes.		Tensile Strengths in Pounds per Square Inch.										Where Made.
						Neat.					3 (Sand) to 1 (Cement).					
				Initial.	Final.	1 dy.	7 dys	28 dys.	3 mos	1 yr.	1 dy.	7 dys.	28 dys.	3 mos.	1 yr.	
Alpha	O. K.	3.177	9.3	222	399	292	752	811	868	841	57	197	271	317	327	United States.
Atlas	O. K.	3.100	9.3	152	387	385	579	622	710	712	61	186	246	305	339	" "
Hercules	41% failed	3.159	7.1	120	240	292	696	836	777	711	51	174	222	242	231	Canada.
Imperial	O. K.	3.213	6.2	40	75	250	352	400	484	485	61	128	176	254	321	"
Lehigh	O. K.	3.183	9.1	166	356	348	746	849	897	880	73	201	273	334	361	United States.
Monarch	4% failed	3.154	7.5	176	355	366	653	701	731	701	66	173	242	303	355	Canada.
NATIONAL	O. K.	**3.135**	**2.1**	**162**	**345**	**307**	**701**	**783**	**827**	**804**	**74**	**214**	**299**	**367**	**368**	"
Rathbun's Star	O. K.	3.140	5.0	123	305	359	581	640	677	676	75	193	255	313	349	"
Samson	7% failed	3.118	6.3	107	252	257	462	525	583	612	67	163	231	284	338	"

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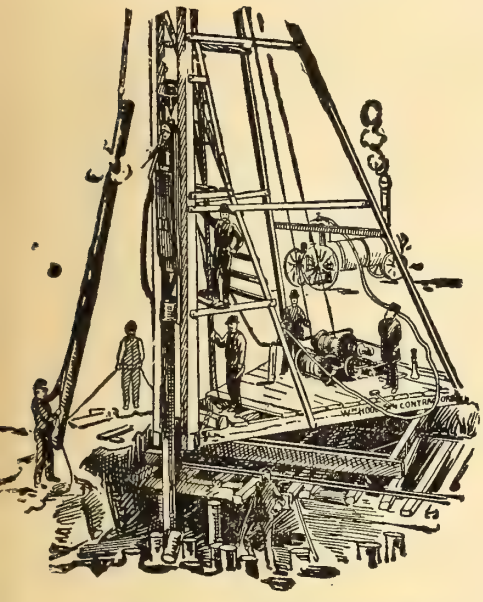

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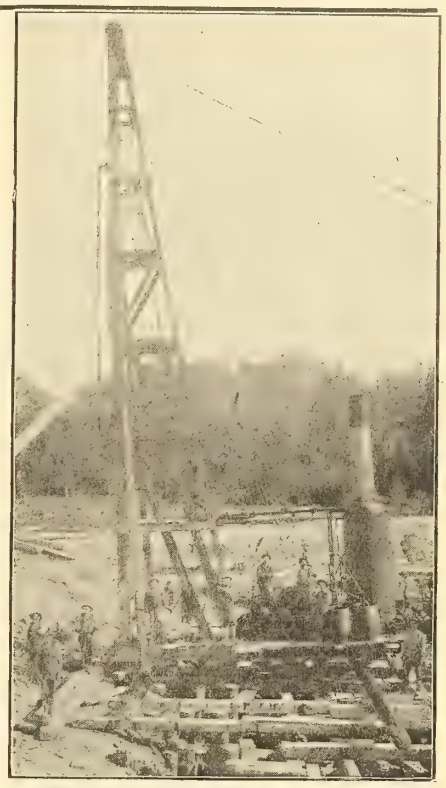

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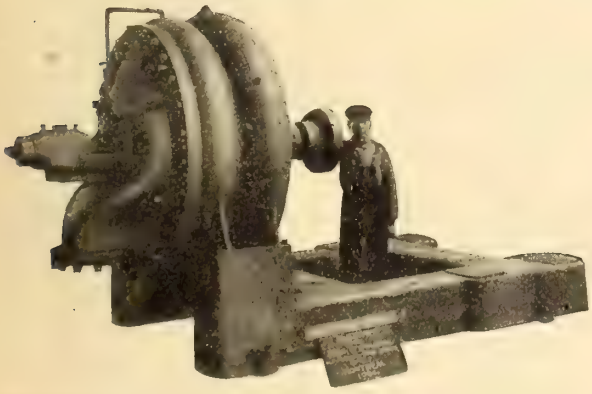

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been completed for an addition to the armories extending 210 feet in length to Chestnut street, 2 stories high, the contract for which will be let at an early date. The plans for the new barracks to be built in this city will likely be approved in the near future.—A scheme to erect a general hospital at corner University ave. and College street is under consideration The Hospital Trustees propose to raise $700,000, and the Ontario Government will be asked to grant $300,000.—It is reported that H. H. Williams has sold the property on the north-west corner of Adelaide and Bay streets to a firm who will erect a large building on the site.—The Massey-Harris Co. will build a new factory at corner of King street and Strachan ave., 4 stories and basement, cost $125,000.—Building permits have been granted as follows: R. M. Wallace, pair two-story and attic brick and stone dwellings, east side Havelock street, near Dewson, cost $5,000; Walter Nash, two pair 2½ story brick and stone dwellings, east side Mutual street, near Maitland, cost $8,900; Thomas McIlwain, two pair two-storey and attic brick and stone dwellings, Triller ave., near Grafton, cost $14,000; Charles Clegg, two-storey and attic brick and stone barber shop and dwelling, south side Davenport road, near Davenport place, cost $2,000; Charles Rogers & Sons, one-storey brick dry kiln, corner Defoe and McDonnell ave., cost $2,000; A. B. Coleman, pair two-storey and attic brick veneer dwellings, stone foundation, north-east corner Brock and Atkins avenues, cost $2,000; E. M. Chadwick, 2½-storey brick dwelling, east side Howland ave. near Barton, cost $4,000; H. Crews, two-storey and mansard brick dwelling, north side Roxborough ave., near Avenue road, cost $2,000; Peter Fraser, pair 2½-story brick dwellings, stone foundations, north-east corner Concord ave. and Hepbourne streets, cost $4,000; Fred H. Goodman, pair two-storey roughcast dwellings, stone foundations, Salem ave., near Shanley street, cost $2,000; James and George Paul, two two-sto ey roughcast dwellings, concrete cellars, east side Ossington ave., near Hallam street, cost $2,400; A. B. Coleman, pair two-storey stone and brick dwellings, north side Atkin ave., cost $2,800, also pair two-storey stone and brick dwellings, south side Montray street, near Brock ave., cost $2,800; R. Durston, pair two-storey roughcast dwellings, brick foundation and fronts, north side Austin ave., near Pape, cost $2,861; Isaac W. Plews, two pair two-storey and attic brick and stone dwellings, south side McMaster ave., near Avenue road, cost $12,000; Joseph Harding, two-storey and attic brick veneered dwelling, 110 Birch ave., cost $3,000.

C. A. Quickfall, brick manufacturer, Waterloo, Ont., is announced to have assigned to A. G. McIntyre.

CONTRACTS AWARDED.

VICTORIA, B.C.—Two-storey pressed brick building on Yates street for Ald. Hanna: George Snider, contractor.

ACTON, ONT.—$6,000 of town debentures: Wood, Gundy & Co., Toronto, purchasers, $5,821.20 and accrued interest.

ST. THOMAS, ONT.—Storage battery plant for street railway: Gould Storage Battery Co., Depew, N. Y., successful tenderers, $6,860.

TORONTO, ONT.—Three water tube boilers for high level pumping station: Canada Foundry Co., successful tenderers, $13,690.

PETERBORO, ONT.—Residence for E. R. Wood, of Toronto; William Langford, contractor, cost $8,000.—Supply of 3,500 of cement: Peterboro Hardware Co., successful tenderers, $1.70 per barrel.

QUEBEC, QUE.—City supplies: Lead pipe, Mechanics Supply Co., $88 per ton, and C. A. Parent, $70 per ton; iron castings, Terreau & Racine, $65 and $75 per ton; brass castings, Mechanic's Supply Co.; cement, James Murphy, $2.50 per barrel of 350 pounds; brick, Paradis & Letourneau, $6.10 and $5.90; drain pipes, C. A. Parent.

WINNIPEG, MAN.—Rectory for Holy Trinity Parish: Architects, Darling, Pearson & Over; masonry, John Dolmar; carpentry, Andrews & Son.—Six-storey block, corner Main and Albert streets and Bannatyne ave., for Ashdown Hardware Co.: Masonry, Hindson & Davidson; carpentry, Day, Manson & Co.; estimated cost, $100,000.

GALT, ONT.—Supply of cement for city: Scott & Hogg, successful tenderers.—Four tenders were received for Sections 2, 3, 5, 6 and 8 of the sewerage system, as follows: Thomas McLaughlin, Galt, $123,288; J. F. Connolly, Toronto, $123,990; Rutherford Cumming, Ingersoll, $139,079; J. S. McKnight, Toronto, $123,000. The tender of Mr. McLaughlin was accepted, he agreeing to supply the cast iron pipe required and to use Scotch sewer pipe.

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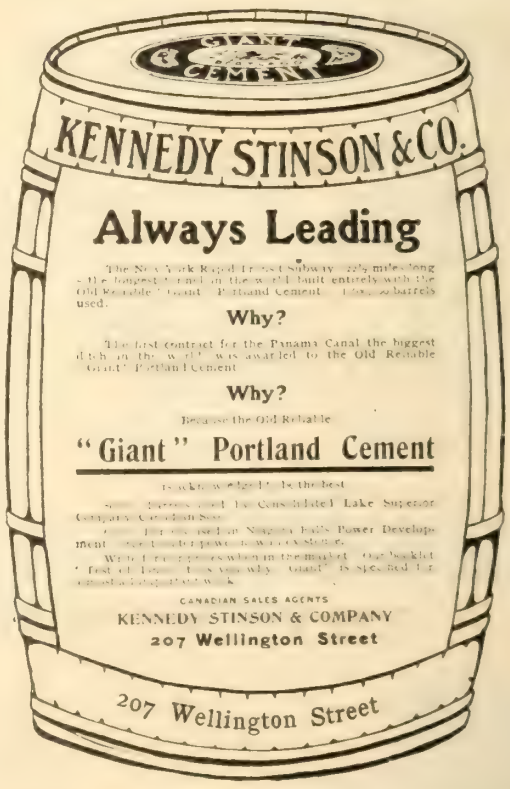

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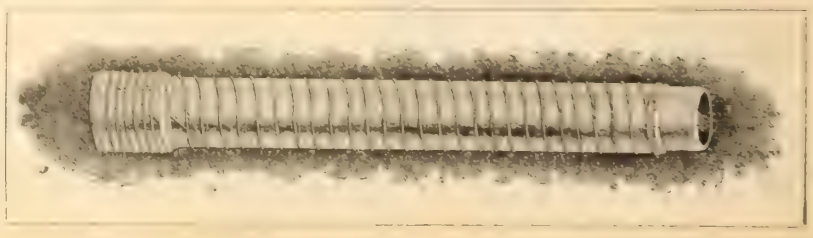

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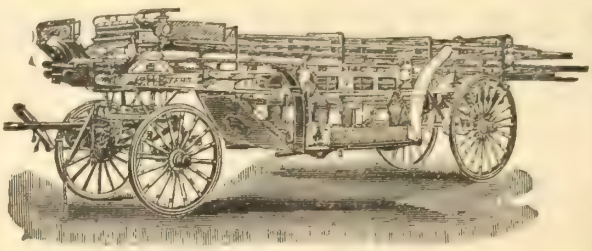

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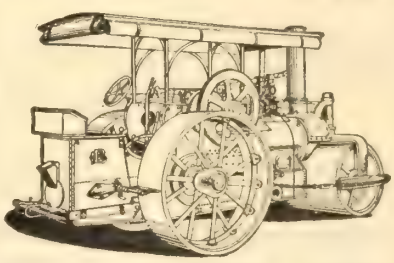

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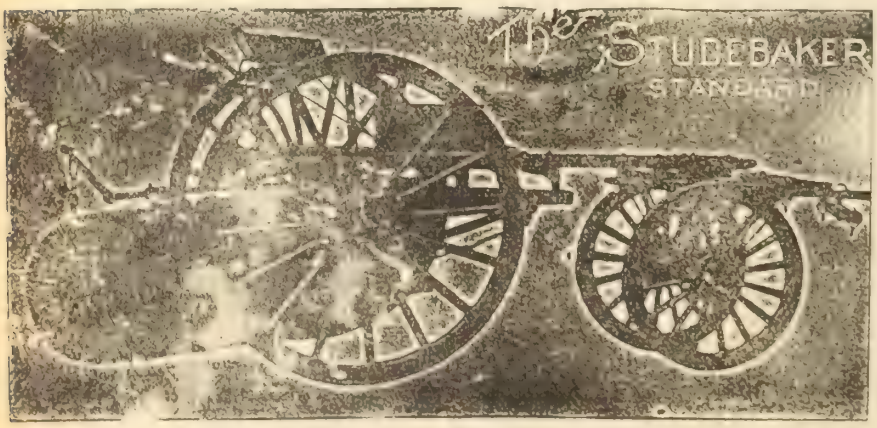

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Roman Red	30 00
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" Brown	40 00
Hard Building	8 0
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Brown Peerless Facing	20 00	25 50
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Hercules	1 75	1 75		
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"Helderberg"			1 90	2 00
Alsen				2 25
Lehigh, in bbls., 375 lbs.		2 35	2 10	2 20
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" paper bags		2 10		1 85
"Iron Clad" in bags 350 lbs.			1 80	1 90
"Invicta" " " "			1 65	1 70
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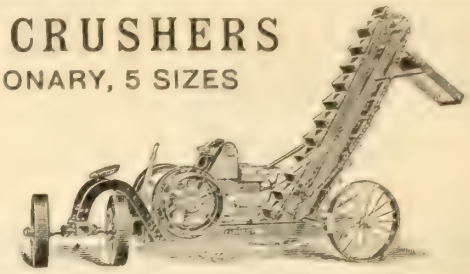

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A Weekly Journal of Public Works, Tenders, Advance Information and Municipal Progress

This Paper Reaches Every Week the Town and City Clerks, Town and City Engineers, County Clerks and County Engineers, Purchasers of Municipal Debentures and Leading Contractors in All Lines Throughout Canada

VOL. 16. TORONTO, MONTREAL, WINNIPEG, MAY 17, 1905 No. 12

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Sale of Dredge Work

Notice is hereby given that about three miles of dredging in the Rivard Drain in the Township of Dover, County of Kent, will be sold by public auction at the Town Hall, Dover, Ont., on TUESDAY, MAY 30TH, 1905, at 1 o'clock in the afternoon.

H. N. BECHARD, Commissioner,
Chatham, P. O.

Tenders Wanted

Tenders will be received by the undersigned up to SATURDAY EVENING, MAY 20TH, 1905, for the laying of about 16,000 square feet of Granolithic Sidewalk in the Town of Uxbridge.

Tenders will be received for the furnishing of all the material and also for just the work and gravel without the cement.

The lowest or any tender not necessarily accepted.

Copies of the specifications may be seen at the clerk's office.

J. W. GOULD, Town Clerk.

TENDERS

Sealed tenders will be received by Mr. Wm. Davidson (County Clerk of Perth) up to 12 o'clock a. m., TUESDAY, the 6TH DAY OF JUNE, for the construction of a Steel Bridge to be built across the Thames river at the town line of Fullarton, Blanshard and Downie, span 138 ft. c. to c. of end pins.

Also for the construction of abutments and wing walls for the same.

Also for the construction of approaches to the said bridge. The contractor to furnish all material, etc. An accepted bank cheque payable to the Treasurer of the County of Perth for the amount of 5 per cent. must accompany each tender, the same to be forfeited if the tenderer decline the contract or fail in the performance thereof, and to be returned in case of non-acceptance.

Plans and specifications for each contract may be seen at the County Clerk's or Engineer's offices.

The lowest or any tender not necessarily accepted.

JOHN ROGER, Engineer,
Mitchell, Ont.

COUNTY DEBENTURES FOR SALE

Tenders are desired by the undersigned up to noon of the 20TH MAY, 1905, for the purchase of 20 Debentures of the County of Hastings, aggregating $20,000, drawing 5 per cent. from the 2nd day of November, 1904.

One Debenture and all interest coupons paid each year. First such payment on first November, 1905.

Further information given on application to

WM. R. AYLSWORTH, County Clerk,
Belleville, Ont.

Tenders Wanted

Sealed tenders will be received by the undersigned marked "Tenders for Electric Lighting" up to SATURDAY, THE 27TH DAY OF MAY, 1905, for lighting the streets of the Town of Orangeville, Town Hall, Fire Hall and Engineer's Residence and Band Stand.

Full particulars can be had by corresponding with the undersigned.

The lowest or any tender not necessarily accepted.

A. A. HUGHSON, Town Clerk,
Grangeville P. O., Ont.

TENDERS

Sealed tenders, addressed to Mr. A. C Rutherford, Secretary-Treasurer of the Municipality of the Town of Strathcona, Alberta, will be received until 6 p.m. on MONDAY, MAY 29TH, 1905, for the Excavation, Pipe Laying and Backfilling of five miles (the whole or in sections) of Sewers, Water Mains and Connections, construction of Manholes, Valve Chambers and Catch Basins and setting Hydrants and Valves.

The Town will furnish sewer and water pipe, ironwork, hydrants, valves and specials.

Each tender must be accompanied by an accepted marked cheque or cash deposit equal to 5 per cent. of the total amount of the tender.

The Town does not bind itself to accept the lowest or any tender.

Plans, specifications, form of tender, etc, may be seen at the office of the undersigned.

A. J. McLEAN,
Town Engineer.

Strathcona, May 3rd, 1905.

Tenders Wanted

The undersigned will receive tenders up to MAY 27TH, for the construction of three Municipal Drains in the Township of East Oxford.

The Gibb Drain is composed of 7300 ft. of tile drain and the cleaning out of 400 ft. of open ditch.

The Hopkins Drain is composed of 6700 ft. of tile drain and the cleaning out of 2100 ft. of open ditch.

The Rice Drain consists of the cleaning out of 10,300 ft. of open ditch.

All field tile for the above will be furnished and laid on the ground by East Oxford Council.

Tenderer to state at what time he will bind himself to have the work completed. Tenders for 1905 preferred.

All work to be done according to the plans and specifications of F. J. Ure, C. E.

The lowest or any tender not necessarily accepted,

For the depths at the several stakes and all other information in connection with the above drains apply to

F. G. JACKSON, Clerk, E. Oxford,
E ½ Lot 14, Con. 4,
Oxford Centre P. O.

Dated at East Oxford, this 4th day of May, 1905.

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Position as Draughtsman in Architect's office or Builders' Clerk by young man having four years at practical building and three years in Architect's office. Address H. A. P., Waverly Hotel Newcastle, N. B.

TENDERS

for the construction of about 34,000 feet Granolithic Sidewalks in the Village of Lucknow, Ont., will be accepted up to noon MAY 30TH, 1905. Specifications on application. No tender necessarily accepted.

P. A. MALCOMSON, Clerk.

Tenders for Boilers

The Board of Water Commissioners for the City of Brantford will receive tenders for three new boilers to be placed in their pumping station in Brantford up to

MAY 27th NEXT.

Specifications and drawings may be seen at the Secretary's office, City Hall, Brantford.

FRED W. FRANK,
Secretary.

TENDERS WANTED

Sealed tenders will be received by the undersigned until MAY 25TH, 1905, for the building of Moosomin Town and Fire Hall Building, to be of brick, size 45x82 feet, 3 storeys high.

Plans and specifications can be seen with Frank R. Evans, Esq., Architect, Winnipeg, Man., or with the undersigned.

An accepted cheque for 5% must accompany each tender.

The lowest or any tender not necessarily accepted.

JOHN SMITHERS,
Secretary Treasurer,
Town of Moosomin.

Tenders for Bridge

Sealed tenders, addressed to the Warden County of Bruce, will be received up to JUNE 17TH for the construction of the following works:

Two concrete abutments, about 500 cubic yards.

One pier, about 175 cubic yards; water 8 to 10 feet deep

One steel bridge 230 feet c to c, 16 foot roadway. L. load 80 pounds per square foot, concentrated load 12 tons on 2 axles 10 ft. centres; and for 2 spans of 115 feet c to c, with tamarac or rock elm flooring, and for same bridges with concrete flooring. Bridge 5 miles from Port Elgin, G.T R. Contractors to furnish their own plans, which must be sent in by the 10th of June for inspection

An accepted bank cheque, payable to the Treasurer of the County of Bruce, for the amount of 5 per cent. of contract, must accompany each tender, the same to be forfeited if tenderer declines entering into contract, and will be returned in case of non-acceptance.

Specifications may be seen at the office of the Warden, W. McDonald, Chesley, George Sirrs, Cargill P. O., or James Warren, Engineer, Walkerton.

The lowest or any tender not necessarily accepted.

W. McDONALD, Warden,
May 8th, 1905. Chesley, Ont.

[FOR ADDITIONAL ADVERTISEMENTS FOR TENDERS SEE NEXT PAGE.]

WANTED

Correspondence with a view to partnership. Architect with ten years experience. Good draughtsman, especialty supervision. Desires to locate in an eastern city. Address Box 76 CONTRACT RECORD Toronto.

Debentures for Sale

Tenders will be received at the Clerk's office, Iroquois, up to 4 o'clock p. m.,

MAY 27th,

For the purchase of $9,702.17 four and one half per cent. Local Improvement Debentures, payable in 20 equal annual payments.

The highest or any tender not necessarily accepted.

JAMES FLANAGAN,
Clerk.

TENDERS

Tenders will be received by the undersigned up till noon, MAY 26TH, for all the various trades required in the erection of a Brick or Cement Church Building in Hillsburg. Plans and specifications may be seen at the Walker House, Toronto, from one o'clock p m., May 15, till four o'clock p. m., May 16, and at F. W. Royce's, Hillsburg, after May 17.

The lowest or any tender not necessarily accepted.

D. H. THOMSON,
Hillsburg, Ontario.

May 4, 1905.

Town of Lindsay

Sealed tenders will be received at the Town Clerk's office up to noon on THURSDAY, JUNE 1ST, 1905, for the construction of about 14,500 feet of Cement Sidewalks in the Town of Lindsay.

Specifications may be seen and form of tender obtained at the office of the Town Clerk, during office hours.

A marked check for five per cent. of the tendered price must accompany each tender, and will be returned when contract is awarded.

The lowest or any tender not necessarily accepted.

W. C. WAY, Town Engineer. F. KNOWLSON, Town Clerk.

City of Winnipeg

PROPOSALS FOR SUPPLY OF ELECTRIC POWER AND WATER POWER LOCATIONS

The City of Winnipeg invites proposals for the supply of Electric Power upon certain conditions, a copy of which may be obtained upon application at this office, and also proposals from parties who own Water Powers for the sale to the City of such Water Power.

The proposals shall be addressed to Ald. J.W. Cockburn, Chairman of the Special Power Committee, and will be received at the office of the undersigned up to 12 o'clock noon on Monday, June 12, 1905.

ELECTRIC POWER.

The maximum quantity of power to be used at any time will be 1,500 horse power.

The power is to be delivered to the City at a point to be agreed upon, east of Main Street, and will be paid for by the City monthly, the quantity used will be determined by Watt Meters placed on the City's incoming switchboard. Any party or company tendering for the right or franchise in the City under the conditions herein referred to shall submit with such tender a deposit in cash or marked cheque of $5,000. In case of acceptance of such tender the contractor shall deposit an additional $20,000 within thirty days; said two sums to be retained by the City as security for the completion of the company's works to develop the Water Power and for the works and plant necessary for the transmission of same to the City.

WATER POWER LOCATIONS.

In addition to the above the City will receive proposals from parties who own Water Powers for the sale to the City of such Water Power, such proposals to be accompanied by plans showing the location of such Water Powers and any works of development which may be done upon them.

The City reserves the right to reject any or all tenders or to accept any bid which appears advantageous to the City of Winnipeg.

C. J. BROWN,
City Clerk.

City Clerk's Office,
Winnipeg, Canada, May 13th, 1905.

TENDERS

will be received until 5 p.m. on SATURDAY, MAY 20TH, for the erection of two houses, one on Wanton Crescent, Rosedale, and one on Callendar Street.

GORDON & HELLIWELL,
Architects,
Confederation Life Bldg.

Notice to Builders

Advertiser is open for an engagement as Foreman Storncutter—yard or building. Able to take charge of the best class of work and give reliable estimates. Address "EXPERIENCE," P. O. Box 347, Winnipeg, Man.

TOWN OF MEDICINE HAT

TENDERS WANTED

The Town of Medicine Hat has the following four lots of Municipal Debentures for sale, for which tenders will be received up to 9 o'clock on the 19TH DAY OF JUNE, 1905:

$12 000.00 Natural Gas,
$10,000.00 Water works,
$30 000.00 Municipal Building,
$2,600,00 for the purchase of the New Edinburg Natural Gas well, Gas and Water plant.

These four lots of Debentures all date from the 1st of August, 1905, bear interest at 5% and are repayable in 20 equal annual instalments of principal and interest. For particulars address the undersigned. The highest or any tender not necessarily accepted.

W. N. ADSIT, Secretary-Treasurer,
Town of Medicine Hat.

TO CONTRACTORS

Sealed tenders, endorsed "Tenders for Bridges" and addressed to J. A. Cockburn, Township Clerk, Crysler, Ont., will be received up to Twelve o'clock, noon, on the FIRST DAY OF JUNE, 1905, for the making of the necessary excavation for and the construction of concrete piers and the building of approaches for bridges to cross the Payne River on the road between the 8th and 9th Concession and between the Third and Fourth Concessions. Plans and specifications may be seen at the office of J. A. Cockburn, Clerk, Crysler, and at the office of W. H. Magwood, Engineer, Cornwall, on and after the Twenty-third inst. Ten per cent. of amount of tender must accompany same.

The lowest or any tender not necessarily accepted.

(Sgd.) W. E. CRAIN, Reeve.
(Sgd.) J. A. COCKBURN, Clerk.
(Sgd.) W. H. MAGWOOD, Engineer.

Crysler, May 12, 1805.

CONTRACTS OPEN.

SALMON RIVER, N.B.—The Bay Shore Lumber Co. will extend their mills here.

REGINA, N.W.T.—St. Paul's church will be enlarged at an approximate cost of $15,000.

PORT ARTHUR, ONT.—Merrill & Hodder will build an addition to the Algoma Hotel.

BRADFORD, ONT.—Steps are being taken towards constructing a waterworks system.

PORT HOPE, ONT.—Plans for new St. George's church will likely be decided upon this week.

PARRY SOUND, ONT.—Plans will be prepared immediately for improvements to Trinity church.

SOMERSET, MAN.—Bids wanted by P. E. Bourque up to 25th inst. for erection of brick residence.

COWANSVILLE, QUE.—The Eastern Townships Bank will erect a new building on Victoria square.

COLLINGWOOD, ONT. — The Bryan Manufacturing Co. purpose building a large brick warehouse.

MAGOG, QUE.—The question of erecting a post office here is under consideration by the Government.

LIME LAKE, ONT.—Tenders desired by A. C. McConnell up to June 1st for erection of Methodist church.

SPERLING, MAN.—Amos Davison is taking tenders up to 20th inst. for erection of Methodist parsonage.

MEDICINE HAT, N.W.T.—Plans will be prepared at once for a large edifice for St. Barnabas congregation.

MEAFORD, ONT. — The Baptist congregation have decided to build a new church, 85 × 45 feet, cost $5,000.

GUELPH, ONT. — Macdonald & Drew are taking tenders for erection of brick house for Mrs. B. R. McConkey.

PORTAGE LA PRAIRIE, MAN.—The Canada Malting Co. have secured a site here for their proposed building.

AURORA, ONT.—Bids received by S. H. Lundy, Town Clerk, up to June 5th, for purchase of $5,000 5 per cent. debentures.

WATERLOO, ONT.—Contracts will be let immediately for new Evangelical church, red brick, seating capacity 600, cost $13,000.

NIAGARA FALLS, ONT.—Dr. J. H. McGarry will enlarge his residence.—A company is being formed to build a brewery here.

LISTOWEL, ONT. — The Mannell Estate want tenders by 22nd inst. for erection of white brick hotel. W. E. Binning, architect.

WEYBURN, N.W.T. — John McTaggart is taking tenders up to 20th inst. for erection of stone and cement Methodist church.

OUTREMONT, QUE. — Bids received by J. Kruse, secretary treasurer, up to 19th inst., for construction of 1,600 feet of 2 x 3 sewer.

VIRDEN, MAN.—The plans of V. W. Horwood, architect, of Winnipeg, have been accepted for new school here, cost about $30,000.

DORCHESTER STATION, ONT.—Bids for purchase of $4,895.55 drain debentures will be received by W. B. Lane up to 20th inst.

CARLETON PLACE, ONT.—A. R. G. Peden, Town Clerk, desires bids by 18th inst. for supply of from one to ten cars of Portland cement.

BEAVERTON, ONT.—Knox church will build a new manse.—Bids desired by C. A. Paterson by 27th inst. for $10,000 4 per cent. debentures.

NAPANEE, ONT. — R. S. Kelsch, C. E., Montreal, has reported to the Town Council on improvements and additions to the electric light plant.

CHICOUTIMI, QUE.—Tenders are wanted by the Department of Public Works, Ottawa, by Wednesday, May 31, for erection of post office building here.

WIARTON, ONT.—W. J. Ferguson, Village Clerk, wants bids by Monday, June 5th, for purchase of $10,368.09 4½ per cent. local improvement debentures.

MOUNTAIN, ONT.—S. Larue desires tenders by 22nd inst. for erection of two concrete abutments for a steel bridge over the Nation river at South Mountain.

SYDNEY, N. S.—A meeting of the Asylum Commission was held last week, at which it was decided to procure plans for suitable building from different architects.

BROCKVILLE, ONT.—The D. H. Burrell Co., of Little Falls, N.Y., have purchased a site on Henry street and are having plans prepared for their proposed building.

NOTRE DAME DE GRACE, QUE.—The Credit Municipal Canadien has offered to loan the municipality the funds necessary to establish a municipal waterworks system.

MINIOTA, MAN. — Tenders received by William Howard, Secretary-Treasurer, up to June 13th, for building

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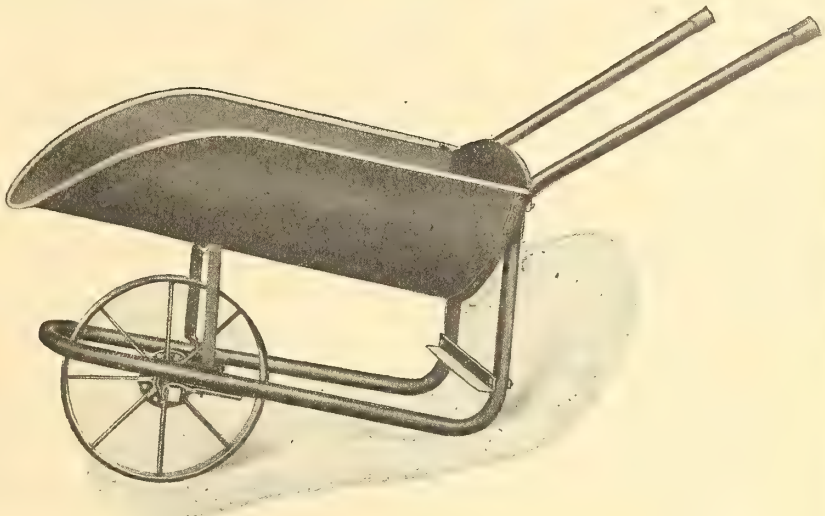

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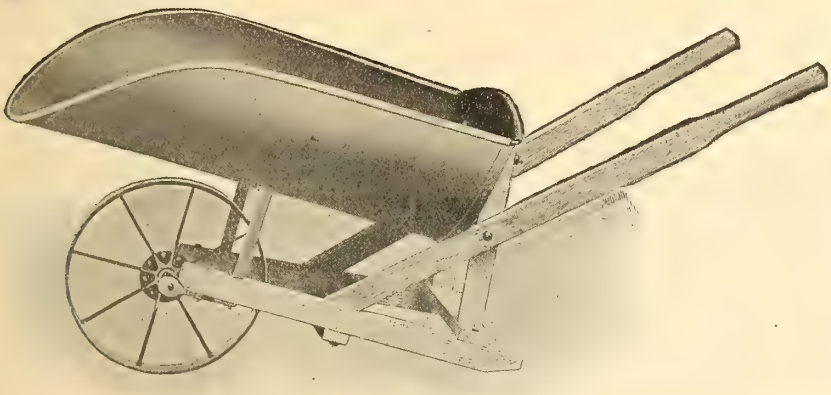

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RAILWAY, MINING AND CONTRACTORS' SUPPLIES. MONTREAL

superstructure of bridge over the Assiniboine river.

BIRTLE, MAN.—T. W. Thomson wants tenders by 27th inst. for erection of bridge, with stone abutments, across the Bird Tail creek. Plans at C. J. Mickle's office.

BARRIE, ONT.—The School Board will invite architects to submit plans by June 9th for new eight-room school for South Ward, including system of heating and ventilating.

NEW CARLISLE, QUE.—Tenders desired by the Department of Public Works, Ottawa, up to June 9th for extension to wharf here. Plans on application to the Postmaster.

HUNTSVILLE, ONT. — Gordon Denton will receive tenders up to 25th inst. for erection of new church hall on High street. Alternative tenders taken in brick or concrete blocks.

NEEPAWA, MAN.—The Board of Trade have requested the Town Council to engage an engineer to take levels and report upon the feasibility of building a dam across the White Mud river.

PORT STANLEY, ONT.—The Department of Public Works, Ottawa, are taking tenders up to June 5th for construction of two breakwaters at this place. Plans on application to the Postmaster.

RENFREW, ONT. — Councillors Handford, Logan and Gravelle have been appointed a committee to consult with a competent engineer as to the best method of improving the water works plant.

TEESWATER, ONT. — W. H. Green, proprietor of the electric light plant, has offered to install a new Wheelock engine provided the Council would build a one-storey engine and dynamo room.

NELSON, B. C.—A. Carrie, architect, has prepared plans for a new building for the Kootenay Lake Telephone Co., brick, one storey and basement.—F. C. Green will let the contract this week for new residence.

INGERSOLL, ONT. — The Merchants Bank will erect a building at corner of Thames and Charles streets.—Plans have been prepared by H. C. McBride, architect, of London, for enlarging the King street church.

ST. THOMAS, ONT.—About $28,000 will be expended in the near future in improving the waterworks system. A reservoir will be built about three miles up Kettle Creek. James A. Bell, C.E., will likely have charge of the work.

VICTORIA, B.C.—A new brick block will be built on Government street by Mr. Promis, of San Jose, California.—F. M. Rattenbury, architect, has prepared plans for a four storey building to be erected on Fort street by the Melrose Co.

FERNIE, B.C.—The Trites-Wood Co. have decided to build their new block this year.—T. H. Tracey, C.E., will, in addition to submitting a report on a system of sewerage for this place, make an approximate estimate for a waterworks system.

SASKATOON, N.W.T.—The Fire, Water & Light Committee will give Mr. Johnston, of Regina, a ten-year franchise for lighting, in consideration of which he will install an electric plant.—Thomas Copland is getting plans drawn for new house.

FORT FRANCES, ONT. — The Backus-Brooks Co. have selected a site

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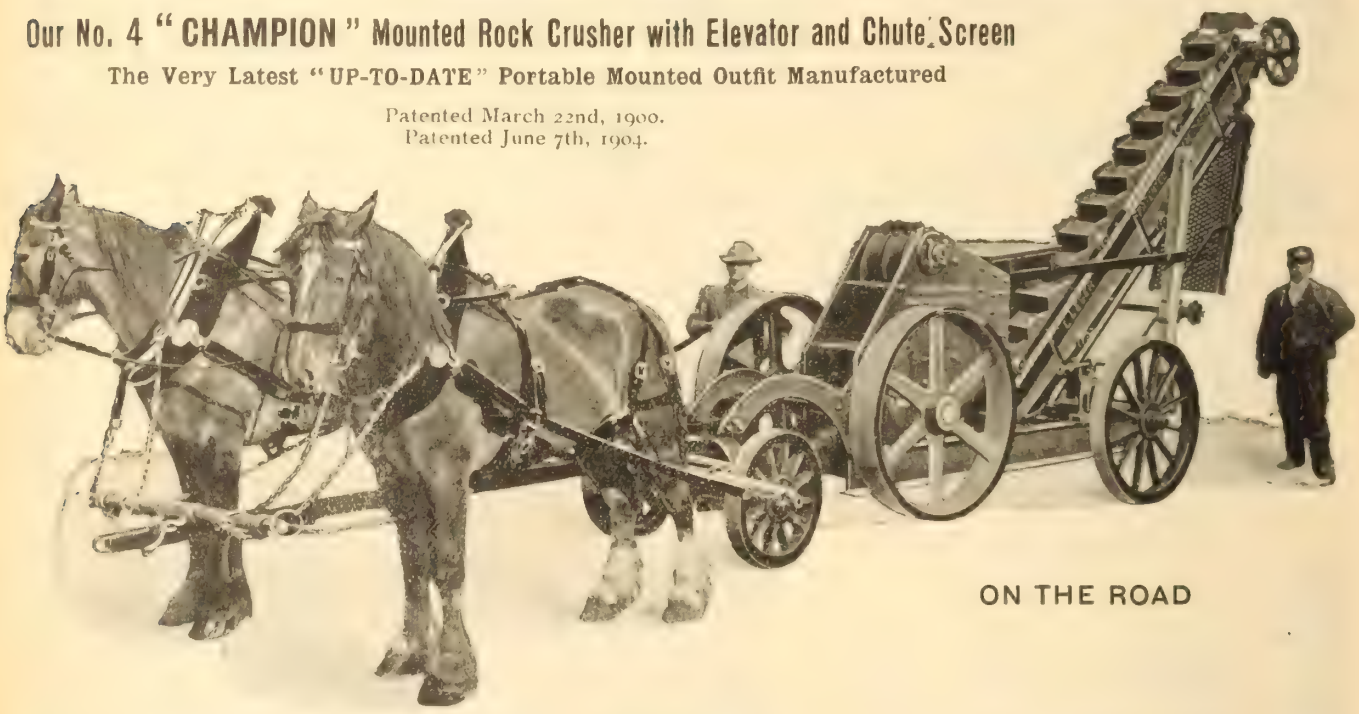

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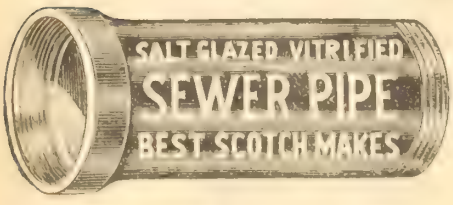
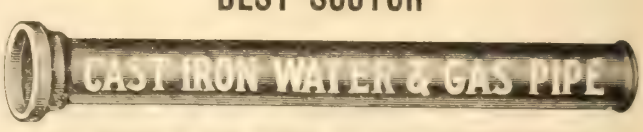


BEST SCOTCH



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MILLER BROS. & TOMS
MONTREAL

for a new dock.—Work will be commenced within a few days on a new block for the Wells Hardware Co., 60 x 80 feet, 3 stories, brick and stone, cost $35,000.

WINDSOR, ONT. — By-laws were defeated here last week to raise $30,000 to improve the electric light plant, and to grant exemption from taxation to the Standard Paint & Varnish Co., the Peninsular Tool Co., and the Norris Kollar & Kuff Co.

BRANTFORD, ONT.—The directors of the Y. M. C. A. have decided to enlarge their building on Wellington street. —The American Radiator Co. have acquired the old Cockshut Plow Works and intend engaging on a large scale in the manufacture of radiators.

MITCHELL, ONT.—William Davidson, County Clerk, will receive tenders up to Tuesday, June 6th, for construction of a steel bridge across the Thames river at the town line of Fullarton, Blanshard and Downie, also for construction of abutments, wing walls and approaches.

EDMONTON, N.W.T.—A vote of the ratepayers will be taken on a proposal to spend $5,500 for additional fire protection equipment.—Plans have been completed for new block for Merchants Bank.—The Committee have purchased a site on Howard street for the new Y.M.-C.A. building.

GODERICH, ONT. — The Waterworks Committee have reported that it will be necessary to extend the intake pipe about 2,000 feet and that the cost of laying a 20-inch pipe will be $6.20 per foot. J. A. Fowler, architect, is preparing plans for a residence for J. P. Brown, also for E. Fisher, of Colborne.

PETERBORO, ONT.—It is learned that work is likely to be commenced immediately on new opera house. Walter Stocker is the promoter.—J. E. Belcher, architect, has prepared plans for an extension to All Saints' church.—St. John's congregation have appointed a committee to procure plans for a new rectory.

OWEN SOUND, ONT. — W. B. Stephens will erect a residence on the lot recently purchased on Boyd street.—J. C. Kennedy is about to build a concrete building on the LePan corner.—Forster & Clarke, architects, are taking tenders up to the 19th inst. for erection of coal store house for the corporation.

HAMILTON, ONT.—Building permits have been granted as follows: William Kerr, brick residence, Herkimer street, between Locke and Garth streets, cost $1,800; Miss M. Elder, two brick residences, Erie ave., cost $3,500; Thomas Lewis, four brick residences, corner Barton and Locke streets, cost $5,000.

HULL, QUE.—City Engineer Hamel has recommended the construction of a 30-inch cast iron intake pipe costing $24,500 and other improvements involving a total outlay of $51,000.—The George Mathews Co. are taking tenders up to 18th inst. for extension of packing house. Plans by W. E. Doran, architect, Montreal.

ST. JOHN, N.B.—The City Council have decided to build a wharf and warehouse on the west side, cost about $300,000.—W. A. Magee will build a residence on Lancaster Heights.—The contract for the new home for the St. Vincent de Paul Society and for remodelling the Canada Permanent Building will likely be awarded this week.

OTTAWA, ONT.—J. P. MacLaren, architect, is taking tenders on the Erskine Presbyterian church.—The Private Bills Committee of the Ontario Legislature have thrown out the bill to raise $65,000 for waterworks extensions in this city.—J. R. Booth will erect a two-storey building on the site of the old stone shipping office at the Chaudiere.

CHATHAM, ONT. — E. Jordan is taking tenders up to 18th inst. for erection of residence, from plans by T. J. Rutley, architect.—W. M. Warburton, manager Chatham, Wallaceburg and Lake Erie Railway Co., desires tenders by Saturday, 20th inst., for supply of 60,000 cedar ties and 1,000 cedar poles, to be delivered at Chatham.

ST. BONIFACE, MAN.—T. Bertrand, Secretary-Treasurer, requests ar-

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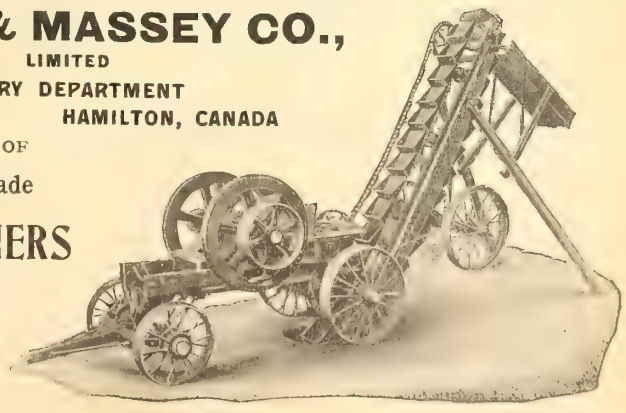

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IRA G. HEDRICK, Mem. Can. Soc. C. E. Mem. Inst. C. E. Mem. Am. Soc. E. C.

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KANSAS CITY, MO.

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chitects to submit plans by May 31 for a city hall about 50 × 70 feet, of brick and stone, 3 stories and basement, cost not to exceed $40,000, also plans for a combined fire hall and police station to cost not above $8,000. Bids for construction of sewers will be received up to 22nd inst.

QUEBEC, QUE.—Provincial aid is being asked for construction of branch of Quebec and Lake St. John railway from Valcartier for a distance of 17 miles through the counties of Quebec and Port Neuf.—Hutchison & Wood, architects, Montreal, have prepared plans for extensive interior alterations to the Methodist church, corner Dauphine and Stanislas streets.

LONDON, ONT.—The congregation of All Saints Church are considering the question of enlarging the present church building or erecting a new structure.—E. McRoberts will build a brick residence on Grosvenor street.—The Grand Trunk will spend a large sum this summer in improvements on the old main line between Glencoe and Windsor, and on the main line east of this city.

FORT WILLIAM, ONT.—The ratepayers have unanimously adopted a by-law to grant a bonus of $300,000 to the Grand Trunk Pacific Railway to purchase a site for car shops, offices, etc.—F. R. Morris will build a $10,000 residence in the Vickers addition. — Superintendent McCauley has been instructed to purchase two transformers and make improvements to the electric light plant, at approximate cost of $4,000.

MONCTON, N.B.—The Intercolonial Railway will shortly invite tenders for new workshop 150×658 feet, and new erecting shop containing 24 pits, also for building for stores and offices, all of brick and stone.—D. Pottinger, manager Intercolonial Railway, will receive tenders up to May 31st for substructure of a double-track bridge to be erected near Bedford Station, N.S., and for the substructures of two single track bridges, one near Mitchell Station, the other near St. Leonard Junction Station, Que.

VANCOUVER, B.C. — The British Columbia Telephone Co. have purchased central property for the purpose of erecting a new exchange. The company propose to expend about $250,000 in improving their system.—It is understood that a site has been finally selected for a new post office building.—Kelly, Douglas & Co., wholesale grocers, will erect a large building on north side of Water street, six stories and double basement, cost $60,000. Plans for same have been prepared by W. T. Whiteway, architect, who has also taken tenders on a new building to be built by Robert Kelly and Frank Burnett.—Stephen Jones, of Victoria, has been granted a permit for a $70,000 building to be built at corner of Homer and Hastings streets.—An addition to the premises of the Empress Manufacturing Company will be commenced shortly.—The time for receiving tenders for St. Paul's church has been extended to 29th inst. W. H. Archer, architect.—The C.P.R. are taking tenders for replacing of timber piers with concrete in the railway bridge over Pitt river.

WINNIPEG, MAN.—Plans of Methodist parsonage to be built at Sperling, Man., may be seen at the office of James Chisholm, architect, this city. Tenders close May 20.—The ratepayers on Pembina street, south of the C.N.R. branch, have requested that a school be built in that district.—The Department of Public Works have had under investigation since last Fall the question of how best to improve the system of water navigation of the Great Lakes. Two alternatives are under consideration, one being to enlarge the canal already built, the other to build what is known as the Georgian Bay canal.—The managers of the Central church have appointed a committee to report on the enlargement of the edifice.—John Macdonald, of St. Charles, will shortly erect a brick hotel on the site of the Kastner block on Notre Dame ave., four stories in front and three in rear, cost $31,000.—The new church for the Point Douglas Presbyterian congregation is assured. The building will occupy a site 115 × 132 feet, fronting on McDonald ave., cost $20,000.—The Sub-Committee on Power

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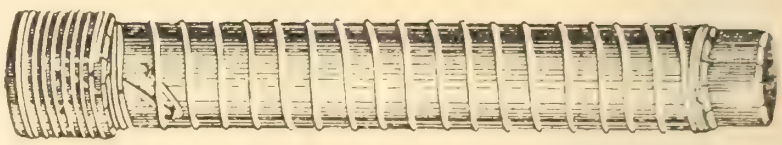

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will, in the course of a few days, advertise for bids for a supply of electric energy.—H. C. Stone, architect, has just taken tenders on a residence in St. Boniface for H. Beleveau.

MONTREAL, QUE.—L. O. David, City Clerk, desires tenders by noon of 18th inst. for supply of a five-ton steam asphalt roller.—Plans have been submitted to the Fire Committee for a new station for St. Denis Ward, to cost $10,000.—A. F. Dunlop, architect, has been engaged to prepare plans for the new Senior school to be built by the Protestant Board of School Commissioners on Sherbrooke street. — The contract for the steel superstructure of the large bridge across the Lachine canal at Atwater ave. will shortly be awarded by the Department of Railways & Canals. — Plans of wharf to be constructed at New Carlyle, Que., may be seen at the office of C. Desjardins, Clerk of Works, Post Office, this city.—The directors of the Y.M.C.A. have reported in favor of extending and remodelling the Pointe St. Charles building.—John Dillion has been granted a permit to erect a large residence on MaGregor street, near Simpson, 3 stories, of Indiana stone, cost $16,000. —The Governors of the new Alexandra Hospital announce that the building operations will shortly be begun. The secretary is E. S. Clouston, 16 St. Sacrament street. — Walter Lowney, chocolate manufacturer, New York, will build a large factory on William street, this city.

TORONTO, ONT.—J. Wilson Gray, architect, has been commissioned to prepare the plans for the new Knox church to be built on Spadina ave. The building will be constructed chiefly of stone and will have a seating capacity of 1,500.—Tenders are wanted at 524 Yonge street for brick and carpenter work for residence in Rosedale.—Plans of two breakwaters to be constructed at Port Stanley, Ont., may be seen at the office of H. A. Gray, C.E., Confederation Life Bldg, this city. Tenders close June 5th. —The Toronto Builders' Exchange have had plans prepared for a building suitable for their purposes to be built on the north-west corner of Bay and Adelaide streets. The ground floor will probably be fitted up for a bank or offices.—The necessary funds have been subscribed for the new National Club building to be erected on Bay street and the work of construction will be commenced as soon as some details are settled. The estimated cost is $80,000.—The congregation of the Church of the Ascension are considering the disposal of their present church and the building of a smaller edifice, at a cost of about $20,000.—Plans have been prepared by John M. Lyle for the new Caven Memorial Library building at Knox College, to be 160 × 38 feet, of white brick, cost $30,000. —The University Senate are taking active steps towards the erection of four residences for the students, to cost in the neighborhood of $40,000 each.—The Toronto Railway Co. intend building new car barns in the neighborhood of

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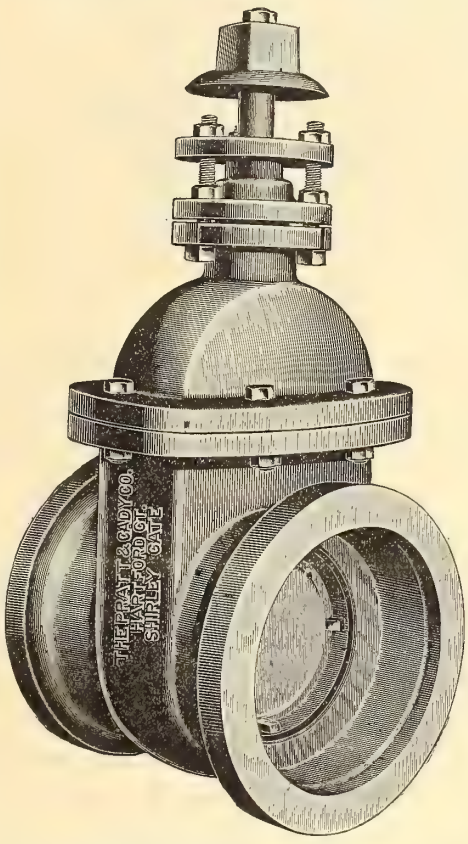

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RESULTS OF CANADIAN AND UNITED STATES CEMENT TESTS JULY 1ST, 1902, TO JULY 1ST, 1903, AT THE LABORATORY OF THE CITY ENGINEER OF THE CITY OF TORONTO.

C. H. RUST, City Engineer. W. A. CLEMENT, Asst. Engineer.

Brand.	Soundness. Faiji Test.	Specific Gravity.	Residue in per cent. on No. 100 Sieve	Setting in Minutes.		Tensile Strengths in Pounds per Square Inch.										Where Made.
						Neat.					3 (Sand) to 1 (Cement).					
				Initial.	Final.	1 dy.	7 dys.	28 dys.	3 mos	1 yr.	1 dy.	7 dys.	28 dys.	3 mos.	1 yr.	
Alpha	O. K.	3.177	9.3	222	399	292	752	811	868	841	57	197	271	317	327	United States.
Atlas	O. K.	3 100	9.3	152	387	385	579	622	710	712	61	186	246	305	339	" "
Hercules	41% failed	3.159	7.1	120	240	292	696	836	777	711	51	174	222	242	231	Canada.
Imperial	O. K.	3.213	6.2	40	75	250	352	400	484	485	61	128	176	254	321	"
Lehigh	O. K.	3.183	9.1	166	356	348	746	849	897	880	73	201	273	334	361	United States.
Monarch	4% failed	3.154	7.5	176	355	366	653	701	731	701	66	173	242	303	355	Canada.
NATIONAL	O. K.	**3.135**	**2.1**	**162**	**345**	**307**	**701**	**783**	**827**	**804**	**74**	**214**	**299**	**367**	**368**	"
Rathbun's Star	O. K.	3.140	5.0	123	305	359	581	640	677	676	75	193	255	313	349	"
Samson	7% failed	3.118	6.3	107	252	257	462	525	583	612	67	163	231	284	338	"

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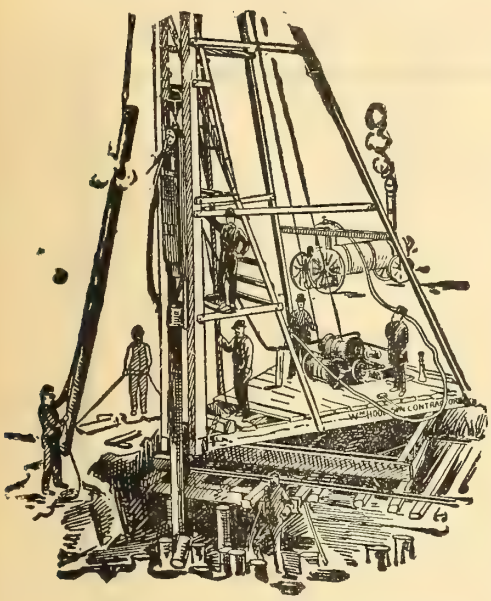

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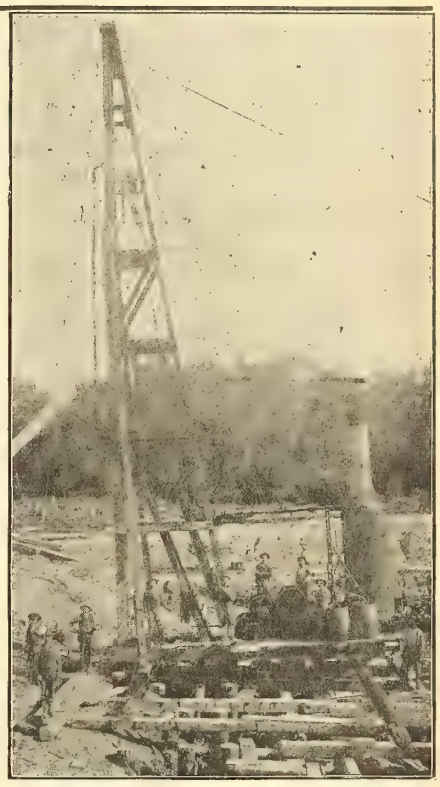

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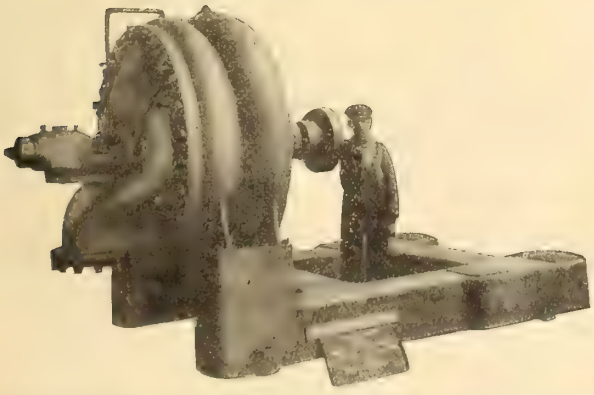

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Bathurst street.—Cecil B. Smith, consulting engineer, is reporting on water powers on the Blanche and Ottawa rivers.—Fairbanks, Morse & Co., manufacturers gas engines, pumps, etc., Chicago, have purchased a site on Bloor street west on which to build a large factory.—Bridge Engineer Williams is preparing plans for two new public lavatories, one underground at Spadina avenue and Queen street and one above ground at Yonge and Cottingham streets, cost about $4,500 each.—City Architect McCallum has completed plans for new Cowan ave. fire hall, cost $25,000.—Darling & Pearson, architects, are preparing plans for a new bank building to be erected by the Canadian Bank of Commerce at 197 and 199 Yonge street. Tenders will be invited shortly.

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NEEPAWA, MAN. — Presbyterian manse : W. W. Moore, contractor, about $4,000.

SPRINGHILL, N. S.—New Y.M.C.A. building : Silliker & Co., of Amherst, contractors.

ST. JOHN, N. B. — Alterations to building for D. Magee's Sons : James Myles, contractor.

CHATHAM, ONT. — Alterations to First Presbyterian church : Robertson & McKie, contractor.

CRANBROOK, B.C.—Bank of Commerce building : Crowley Bros., of Fernie, contractors.

GUELPH, ONT.—Supply of cement : Ontario Portland Cement Co., Brantford, successful tenderers.

GLACE BAY, N. S.—Office building for the Eastern Telephone Co. : Hugh Cameron, contractor.

FREEPORT, N. S.—Building government breakwater : Mr. Bigelow, of Canning, successful tenderer, $13,700.

MONTREAL, QUE. — Supply of crushed stone for Road Committee : O. Martineau, 30,000 tons at 38 cents a ton.

BERLIN, ONT.—Heating Methodist church : James Smart Manufacturing Co., Brockville, successful tenderers.

NELSON, B. C.—Residence for F. C. Green : A. Carrie, architect; William Park, contractor, price about $4,000.

SUSSEX, N. B.—Rifle range for Dominion Government : J. A. Bourque and Angus Gobang, of Moncton, contractors.

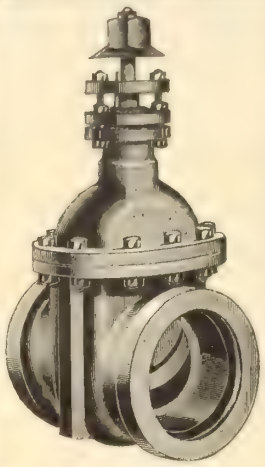
COLLINGWOOD, ONT.—Rebuilding the Masonic block : Brick work and masonry, A. Courts; carpentry, C. Mickler ; plastering, J. Lockton ; tinsmithing and plumbing, W. Parrott ; painting, M. Thompson ; roofing, J. A. Smith.—Residences for Thomas Hill and Samuel Bailey : Samuel Woolner, contractor.

GALT, ONT.—Cement abutments for Greenfield bridge : Eichler & Fraser, New Hamburg, successful tenderers, $3.09 per cubic yard. Other tenders : Patterson & Ellis, St. Marys, $6.50 ; C. Topp, Brantford, $6.25 ; Rowan & Elliott, St. Catharines, $4.70 ; Mr. Talbot, London, $5 ; Geo. Bulmer, Conestogo, $3.70.

WINNIPEG, MAN.—King's school on Ellice ave. : Masonry, $23,850, Smith & Sharpe; carpentering, $12,135.50, S. B. Ritchie ; painting and glazing, $2,070, J. A. Payne ; tin and galvanized, $2,697, Douglas Bros. ; plumbing, $657, A. T. Mernaghan ; electric wiring, $400, D. H. Hudson ; heating and ventilating, $3,680, W. F. Rutley Co.

REGINA, N. W. T.—Erection of new Victoria school : A. Kaltenbrunner, this place, successful tenderer, $48,000. Other tenders : Neil Stuart, $55,937 ; A. A. Goodwin and W. A. Wilson, $58,737 ; S. Brown & Co., Winnipeg, $59,200 ; Willoughby & Mollard, $58,989.—Wood, Gundy & Co., Toronto, are successful tenderers for purchase of $60,000 of debentures, at premium of $1,027.

OTTAWA, ONT.—For supply of 10-ton road roller tenders were received as follows : Julian Scholl & Co., New York, $2,700 (accepted); Acme Road Machinery Co., Frankfort, N. Y., $2,675 ; Hamilton Engine & Thresher Works, $3,000; Hugh Cameron & Co., Brantford, $2,750; Chaudiere Machine & Foundry Co., Ottawa, $2,950 ; Climax Road Machinery Co., London, Eng., $2,005 f. o. b. London.



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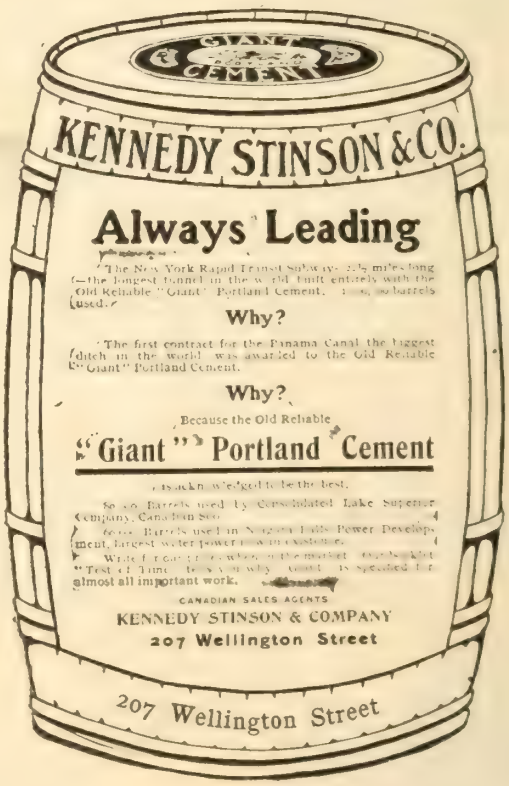

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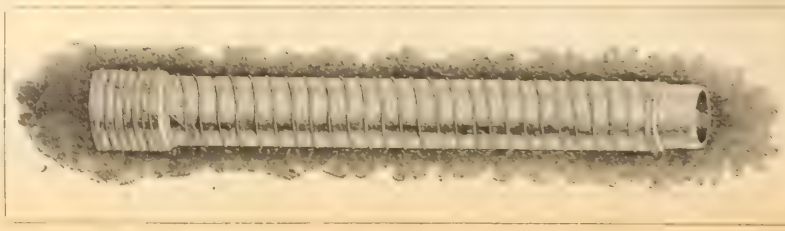

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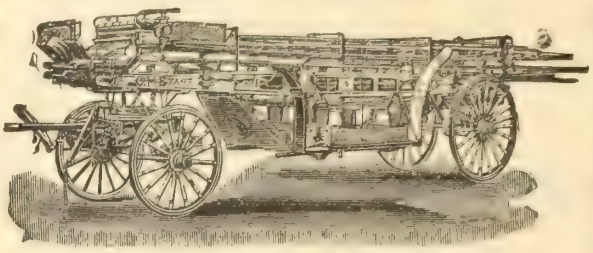

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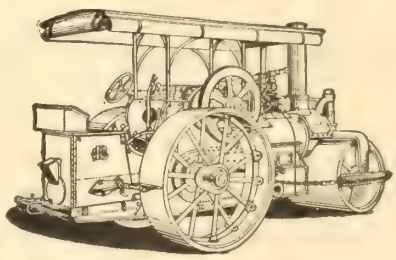

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Because no sweeper so effectually does the work for which it is designed as "The Studebaker." It Sweeps Clean. No sweeper is constructed with the same degree of care and mechanical precision. It Wears Well. "The Studebaker" has the smallest number of working parts, and has less gearing than any other sweeper made. It is free from all unnecessary complications. With reasonable care it does not get out of order. Send for complete descriptive catalogue.

Studebaker Sprinkler
(PATENT IMPROVED.)

Does not clog or get out of order. Greatest width of spray Can be graded from driver's seat to any volume.

We also make an . . .
IMPROVED VERTICAL SPRAY for Pavements.

Geo. Heaman, Mnfr., London, Ont.

Mr. John Rankin is the new Town Clerk of Seaforth, Ont.

Crushed Stone, Limited, is the name of a new company at 18 Wellington St. E., Toronto, and works at Kirkfield, Ont.

Hugh F. Cumming has registered the business of H. F. Cumming & Co., dealers in sand, cement, etc., Montreal, Ottawa and Cornwall.

STONE For Street Kerbing and Crossings. . .
Write for Prices.
Credit Valley Freestone Quarry Co.,
Glenwilliams, Ont.
Toronto Office, 358 Yonge Street
Long Distance Phone M 5027.

DEBENTURES
Municipalities contemplating the issue of Debentures will find it to their advantage to communicate with
G. A. STIMSON & CO.
Investment Dealers
24 and 26 King St. W. - TORONTO

LEA & COFFIN
and H. S. FERGUSON
ENGINEERS
Waterworks, Sewerage, Water Powers, Pulp and Paper Mills
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The Hanover Portland Cement Co., L'td.
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Manufacturers of the Celebrated
"SAUGEEN" Brand of PORTLAND CEMENT
Prices on application

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The Canadian Casualty and Boiler Insurance Co.
22-24 Adelaide St. E - TORONTO
Phone M. 4091
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—AND—
LADDER TRUCKS
We make the lightest, quickest, strongest and cheapest. Every Town and Village needs them and can afford them. They will save 50 times their price in insurance premiums. Write for circulars and quotations.
THE WAGGONER LADDER CO., Limited
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MONTREAL
GENERAL STEEL CONTRACTORS
Large Stock I BEAMS, CHANNELS, ANGLES, TEES, ZEES and PLATES always on hand.

Dominion Bridge Co., Ltd.
P. O. Address, MONTREAL, P.Q.
Works at LACHINE LOCKS, P.Q.

STEEL BRIDGES
For Railways and Highways
Piers, Trestles, Water Towers
Tanks, Buildings, Roofs, Girders,
Beams and Columns . . .
Toronto Agent: GEO. E. EVANS,
38 Canada Life Bldg., TORONTO, ONT

The Highest Grade of American
Portland Cement is "Iron Clad"
It is the most finely ground (97 per cent. passing No. 100 sieve) and most uniform, having a Ten Years' Record. Used on some of the most important work in Canada and U. S. A.
Prices on application to all dealers, or to
The Glens Falls Portland Cement Co.,
224 Board of Trade, MONTREAL, P. Q.
W. A. COOK, Agent

PORTLAND CEMENT
T. M. Morgan
Manufactures the
CRESCENT AND DIAMOND BRANDS
AS GOOD AS THE BEST FOR ANY PURPOSE
Office and Works: Longue Point, MONTREAL, QUE.
Long Distance Phone E. 436 Ring 2.

"Lehigh"
Portland Cement
Capacity 11,000 Barrels every Day in the Year.
For Sidewalks and all other work requiring the highest quality Portland Cement Used by the U.S. Government and the largest contractors and users of Portland Cements in the United States.
Absolutely the most popular Cement in Canada on account of its merits
For Prices, etc., address
THORN CEMENT CO. - Buffalo, N. Y.

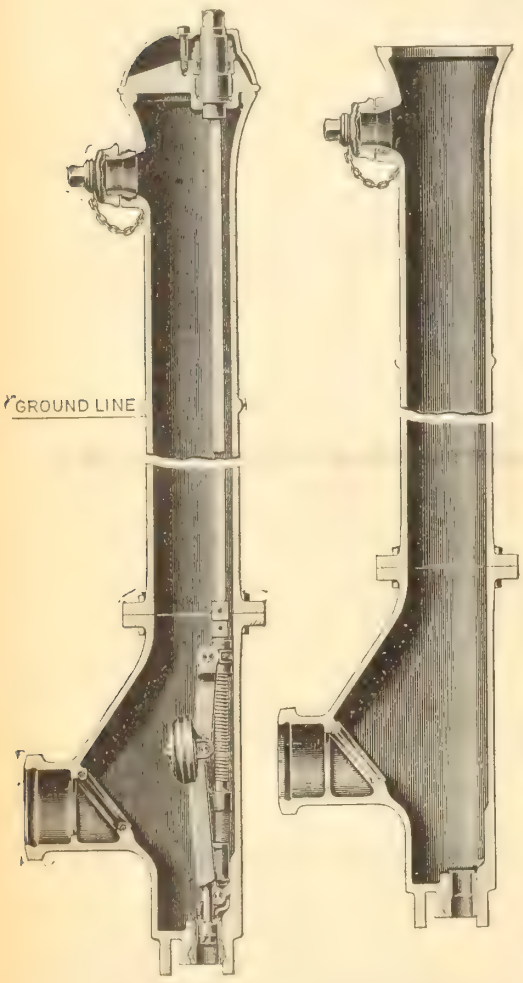
The Locomotive and Machine Company
OF MONTREAL, LIMITED
NEW YORK OFFICE: 111 BROADWAY N.Y.
Structural Steel
FOR ALL PURPOSES
WORKS: LONG POINT MONTREAL
BRIDGES NEW AND SECOND HAND CONTRACTOR'S LOCOMOTIVES STEAM SHOVELS
Principal Office: Imperial Bank Building, MONTREAL

THE FAIRBANKS FIRE HYDRANT.

Municipal authorities and engineers will be interested in the accompanying illustrations and some particulars of the Fairbanks fire hydrant. This is a patented direct solid stream, anti-freezing fire hydrant.

It has a free waterway from the valve opening to the hose nozzle, and there being no operating rod or other fixtures to interfere, a "solid stream of water" is delivered to hose lines. The long, easy curves of the waterway of this hydrant embody the principles and advantages claimed for such construction by experienced mechanical and hydraulic engineers, the whole idea being to avoid friction and consequent loss of head pressure. The drain is located below main valve, thoroughly draining all water from the stand pipe; and it is claimed to be absolutely impossible to freeze this hydrant if precautions are used to provide a place into which water from stand pipe can flow.

Repairs can be made (if necessary) by



The Fairbanks Hydrant. Fairbanks Hydrant Barrel with Interior Working Parts Removed.

simply removing four bolts that secure the head to the stand pipe, when all interior working parts can be withdrawn through the barrel; an examination can be made and any obstruction removed without digging up the hydrant or disturbing the pavement. All parts are interchangeable.

Frost cases are unnecessary with this hydrant if set properly, as no water remains in the barrel, and the lines of the stand pipe being straight and smooth, with peculiar shape of hydrant bottom, gives it an anchorage on which the heaving of the ground around hydrants caused by frost has no effect.

All interior working parts are of brass or are brass mounted. The operating stem and three connecting pins on which the gate and stem nut arms operate are of solid rolled Tobin bronze. The main valve is a heavy bevelled disc of specially moulded rubber.

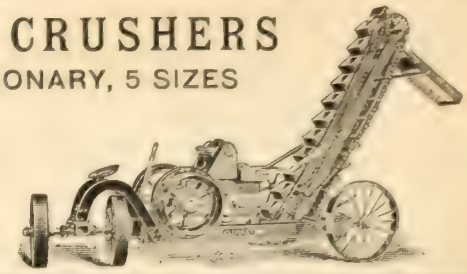
Further particulars from the Canadian Fairbanks Company, Montreal, Toronto, Winnipeg or Vancouver.

CLIMAX STEEL CRUSHERS

PORTABLE AND STATIONARY, 5 SIZES

All kinds of crushing plants turned out on short notice. **Climax Reversible Grader** is the latest improved and up to date. **Robinson's** latest improved **Moulds** for making **culvert Pipe.** Send for prices.

CLIMAX ROAD MACHINE CO.
Hamilton, Ont.



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MANUFACTURED BY

THE OWEN SOUND PORTLAND CEMENT COMPANY, LIMITED
Owen Sound, Ont.

Works at SHALLOW LAKE, ONT. Write us for prices

McGREGOR & McINTYRE, LIMITED
67 to 91 Pearl Street, Toronto, Ont.

STRUCTURAL IRON WORKS

Fire Escapes, Library Racks, Sidewalk Door, Jail Cells, Iron Stairs, Railings, Etc., Etc.

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FIRE BRICKS
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Importers of

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PORTLAND CEMENTS,
HIGH GRADE ENGLISH
" " GERMAN
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Concrete Mixing Machinery

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AERIAL CABLEWAYS,
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Hand, Steam and Electric Derrick Cranes, Etc., Etc., Etc.

E. F. Dartnell, MONTREAL
DEALER IN BUILDING SUPPLIES, ETC.

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To Your Own Interests

We Have

The greatest labor saving device of the kind on the market.

BEAVER POST HOLE DIGGER

No wood to rot, check or break.
Will pay for itself in one day.

CANADA FOUNDRY COMPANY LIMITED

Head Office and Works: TORONTO, ONT.

District Offices: MONTREAL HALIFAX OTTAWA WINNIPEG CALGARY VANCOUVER ROSSLAND

THOS. J. DRUMMOND, President. JAMES T. McCALL, Secretary-Treasurer. C. ED. GUDEWILL, Vice-President

Montreal Pipe Foundry Co., Limited

Special Castings
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CAST IRON PIPE

Valve Boxes and general Water Works Supplies

Works at: LACHINE, QUE. THREE RIVERS, QUE. LONDONDERRY, N. S.

Combined daily capacity 175 Tons Pipes and Castings.

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Manufacturers of

Flexible and Flange Pipe, Special Castings and all kinds of Waterworks Supplies

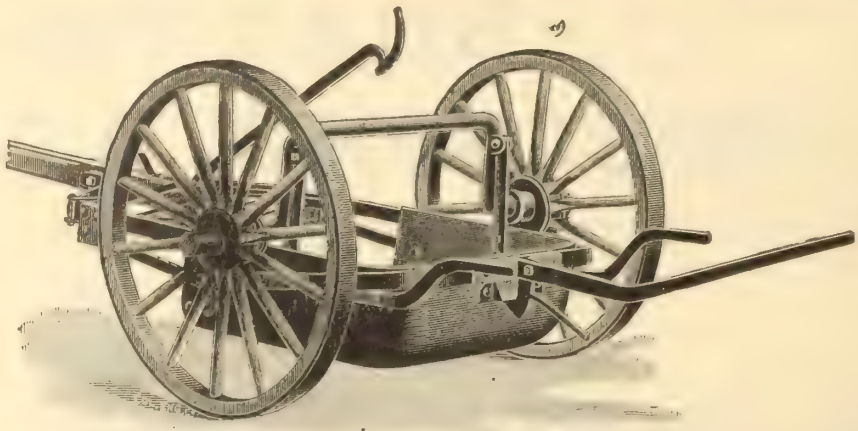
CAST IRON PIPE

3 inches to 60 inches diameter.

For Water, Gas, Culvert and Sewer

HAMILTON, ONT.

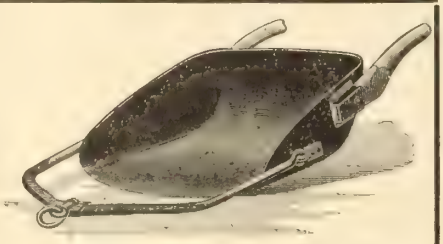
CONTRACTORS' SUPPLIES



NEW IMPROVED "KILBOURNE & JACOBS" PRESSED BOWL WHEELSCRAPER

The only perfect Wheelscraper. The best, strongest and easiest working wheelscraper ever put on the market. The bowl is best steel plate 3/16 inch thick. The bottoms of all Pressed Bowl Scrapers are oil tempered. All metal working parts are of best machine steel.

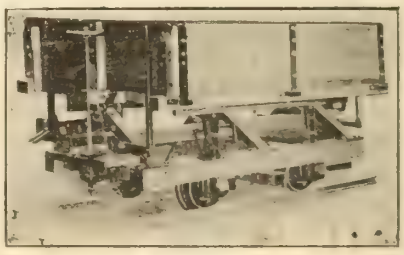
ALL SIZES CARRIED IN STOCK



OUR SOLID STEEL DRAG SCRAPER

It is the lightest, strongest, and most durable scraper in existence and will displace all others wherever it is known.

We carry three sizes in stock and can supply same with runners or bottom plates if desired.



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From 1½ to 6 cubic yard capacity

These cars are superior, both in material and construction, also ease of operation, to any cars heretofore manufactured.

Let us send you our special car catalogue.

RANSOME CONCRETE MIXERS

Have the enviable reputation of Mixing Better, Quicker and Cheaper than any other mixer. Mixers supplied either with or without power—on Skids or Trucks—and all capacities.

Let us hear from you. We know we can save you money

IN ADDITION TO THE ABOVE ARTICLES WE CARRY THE MOST COMPLETE STOCK IN CANADA OF EVERYTHING NECESSARY TO ANY CONTRACTOR.

F. H. HOPKINS & CO.

MONTREAL

CANADIAN

Contract Record

A Weekly Journal of Public Works, Tenders, Advance Information and Municipal Progress

This Paper Reaches Every Week the Town and City Clerks, Town and City Engineers, County Clerks and County Engineers, Purchasers of Municipal Debentures and Leading Contractors in All Lines Throughout Canada

VOL. 16. TORONTO, MONTREAL, WINNIPEG, MAY 24, 1905 No. 13

THE CANADIAN CONTRACT RECORD
PUBLISHED EVERY WEDNESDAY
As an Intermediate Edition of the Canadian Architect and Builder.

THE C. H. MORTIMER PUBLISHING COMPANY
of Toronto, Limited,

Subscription Price, $2 per annum, payable in advance.

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Telephone Main 2362.

Branch Offices :
38 Alliance Building, Montreal,
Telephone Main 2299.
720-721 Union Bank Building, Winnipeg.
22 Great St. Helen's, London, England.

Subscribers who may change their address should give prompt notice of same. In doing so give both old and new address. Notify the publishers of any irregularity in delivery of papers.

Sale of Dredge Work

Notice is hereby given that about three miles of dredging in the Rivard Drain in the Township of Dover, County of Kent, will be sold by public auction at the Town Hall, Dover, Ont., on TUESDAY, MAY 30TH, 1905, at 1 o'clock in the afternoon.

H. N. BECHARD, Commissioner,
Chatham, P. O.

Tenders Wanted

Tenders will be received by the undersigned up to SATURDAY EVENING, MAY 20TH, 190 , for the laying of about 16,000 square feet of Granolithic Sidewalk in the Town of Uxbridge.

Tenders will be received for the furnishing of all the material and also for just the work and gravel without the cement.

The lowest or any tender not necessarily accepted.

Copies of the specifications may be seen at the clerk's office.

J. W. GOULD, Town Clerk.

TENDERS

Sealed tenders will be received by Mr. Wm. Davidson (County Clerk of Perth) up to 12 o'clock a m , TUESDAY, the 6TH DAY OF JUNE, for the construction of a Steel Bridge to be built across the Thames river at the town line of Fullarton, Blanshard and Downie, span =138 ft. c. to c. end pins.

Also for the construction of abutments and wing walls for the same.

Also for the construction of approaches to the said bridge. The contractor to furnish all material, etc. An accepted bank cheque payable to the Treasurer of the County of Perth for the amount of 5 per cent. must accompany each tender, the same to be forfeited if the tenderer decline the contract or fail in the performance thereof, and to be returned in case of non-acceptance.

Plans and specifications for each contract may be seen at the County Clerk's or Engineer's offices.

The lowest or any tender not necessarily accepted.

JOHN ROGER, Engineer,
Mitchell, Ont.

Tenders Wanted

Sealed tenders will be received by the undersigned marked "Tenders for Electric Lighting" up to SATURDAY, THE 27TH DAY OF MAY, 1905, for lighting the streets of the Town of Orangeville, Town Hall, Fire Hall and Engineer's Residence and Band Stand.

Full particulars can be had by corresponding with the undersigned.

The lowest or any tender not necessarily accepted.

A. A. HUGHSON, Town Clerk,
Orangeville P. O., Ont.

TO CONTRACTORS

Sealed tenders, endorsed "Tenders for Bridges" and addressed to J. A. Cockburn, Township Clerk, Crysler, Ont., will be received up to Twelve o'clock, noon, on the FIRST DAY OF JUNE, 1905, for the making of the necessary excavation for and the construction of concrete piers and the building of approaches for bridges to cross the Payne River on the road between the 8th and 9th Concession and between the Third and Fourth Concessions. Plans and specifications may be seen at the office of J. A. Cockburn, Clerk, Crysler, and at the office of W. H. Magwood, Engineer, Cornwall, on and after the Twenty-third inst. Ten per cent. of amount of tender must accompany same.

The lowest or any tender not necessarily accepted.

(Sgd) W. E. CRAIN, Reeve.
(Sgd.) J. A. COCKBURN, Clerk.
(Sgd) W H. MAGWOOD, Engineer.

Crysler, May 12, 1805.

TENDERS

Sealed tenders, addressed to Mr. A. C Rutherford, Secretary-Treasurer of the Municipality of the Town of Strathcona, Alberta, will be received until 6 p.m. on MONDAY, MAY 25TH, 1905, for the Excavation, Pipe Laying and Backfilling of five miles (the whole or in sections) of Sewers, Water Mains and Connections, construction of Manholes, Valve Chambers and Catch Basins and setting Hydrants and Valves.

The Town will furnish sewer and water pipe, ironwork, hydrants, valves and specials.

Each tender must be accompanied by an accepted marked cheque or cash deposit equal to 5 per cent. of the total amount of the tender.

The Town does not bind itself to accept the lowest or any tender.

Plans, specifications, form of tender, etc , may be seen at the office of the undersigned.

A. J. McLEAN,
Town Engineer.

Strathcona, May 3rd, 1905.

TOWN OF MEDICINE HAT
TENDERS WANTED

The Town of Medicine Hat has the following four lots of Municipal Debentures for sale, for which tenders will be received up to 9 o'clock on the 19TH DAY OF JUNE, 1905:

$12 000.00 Natural Gas,
$10,000.00 Water works,
$30 000.00 Municipal Building,
$2,600,00 for the purchase of the New Edinburg Natural Gas well, Gas and Water plant.

These four lots of Debentures all date from the 1st of August, 1905, bear interest at 5% and are repayable in 20 equal annual instalments of principal and interest. For particulars address the undersigned. The highest or any tender not necessarily accepted.

W. N. ADSIT, Secretary-Treasurer,
Town of Medicine Hat.

WANTED

Position as Draughtsman in Architect's office or Builders' Clerk by young man having four years at practical building and three years in Architect's office. Address H. A. P., Waverly Hotel, Newcastle, N. B.

TENDERS

for the construction of about 34,000 feet Granolithic Sidewalks in the Village of Lucknow, Ont., will be accepted up to noon MAY 3 TH, 1905. Specifications on application. No tender necessarily accepted.

P. A. MALCOMSON, Clerk.

Town of Lindsay

Sealed tenders will be received at the Town Clerk's office up to noon on THURSDAY, JUNE 1ST, 1905, for the construction of about 14,500 feet of Cement Sidewalks in the Town of Lindsay.

Specifications may be seen and form of tender obtained at the office of the Town Clerk, during office hours.

A marked check for five per cent. of the tendered price must accompany each tender, and will be returned when contract is awarded.

The lowest or any tender not necessarily accepted.

W. C. WAY, Town Engineer. F. KNOWLSON, Town Clerk.

City of Winnipeg

PROPOSALS FOR SUPPLY OF ELECTRIC POWER AND WATER POWER LOCATIONS

The City of Winnipeg invites proposals for the supply of Electric Power upon certain conditions, a copy of which may be obtained upon application at this office, and also proposals from parties who own Water Powers for the sale to the City of such Water Power.

The proposals shall be addressed to Ald. J.W. Cockburn, Chairman of the Special Power Committee, and will be received at the office of the undersigned up to 12 o'clock noon on Monday, June 12, 1905.

ELECTRIC POWER.

The maximum quantity of power to be used at any time will be 1,500 horse power.

The power is to be delivered to the City at a point to be agreed upon, east of Main Street, and will be paid for by the City monthly, the quantity used will be determined by Watt Meters placed on the City's incoming switchboard. Any party or company tendering for the right or franchise in the City under the conditions herein referred to shall submit with such tender a deposit in cash or marked cheque of $5,000. In case of acceptance of such tender the contractor shall deposit an additional $20,000 within thirty days; said two sums to be retained by the City as security for the completion of the company's works to develop the Water Power and for the works and plant necessary for the transmission of same to the City.

WATER POWER LOCATIONS.

In addition to the above the City will receive proposals from parties who own Water Powers for the sale to the City of such Water Power, such proposals to be accompanied by plans showing the location of such Water Powers and any works of development which may be done upon them.

The City reserves the right to reject any or all tenders or to accept any bid which appears advantageous to the City of Winnipeg.

C. J. BROWN,
City Clerk.

City Clerk's Office,
Winnipeg, Canada, May 13th, 1905.

[FOR ADDITIONAL ADVERTISEMENTS FOR TENDERS SEE NEXT PAGE.]

Contractors' Notice

Tenders are invited until JUNE 7TH 1905. for the following works to be done in the City of Calgary :—

Laying 2 miles of 6" water main.

Laying 1½ miles tile sewer

Laying 90,000 square feet concrete sidewalks with curb and gutter

Specifications and form of tender may be obtained from the City Engineer, Calgary.

F. W. THOROLD, B. A. Sc.,
City Engineer, Calgary.

TENDERS WANTED

FOR

ELECTRIC LIGHTING

Tenders will be received up to 6 p. m., JUNE 5TH, 1905, for lighting the streets of the Town of Meaford by electric light, with privileges of supplying light for residences, etc.

J. G. CLARKE,
Chairman Fire, Water and Light Committee.
Meaford, Ont., May 17th, 1905.

TO CONTRACTORS

Tenders will be received up to 6 p. m., WEDNESDAY, MAY 31ST, 1905, for the completion of the Galt Sewerage Disposal Works

Plans and specifications may be seen and forms of tender obtained at the office of the Engineer, Wm. Mahlon Davis, Berlin, or Town Clerk, Town Hall, Galt, on and after Saturday, May 20th inst. The lowest or any tender need not necessarily be accepted.

J. McCARTNEY,
Town Clerk, Galt, Ont.

Tenders Wanted

Sealed tenders, addressed to the undersigned, will be received up to noon of SATURDAY, JUNE 3rd, 1905, for the erection of three steel bridges and abutments therefor in the Township of East Zorra, Oxford County. Bridges to be of 40, 30 and 30 ft. span, with clear width of 14 ft. Jo sts to be of steel and floor of wood or expanded metal and concrete. Abutments may be either quarry stone or concrete. Contractors to furnish short specification of work tendered for; state time of proposed completion and price per lineal foot for bridges and per cubic foot for abutments.

Tenders opened and contract awarded if satisfactory offer is received at Tavistock on above date, at 2 o'clock in the afternoon. Address

JAMES ANDERSON,
Clerk East Zorra,
Tavistock P. O.

TENDERS

FOR

SUPPLY OF WATER PIPE AND SPECIALS AND WATER METERS

Sealed tenders, addressed to the Chairman of the Fire, Water and Light Committee, for the supply of Water Pipe and specials of various sizes for High Pressure Fire Service, and for the supply of the following quantities of Water Meters, viz. :—

500 one-half inch Meters,
200 three-quarter inch Meters,
50 one-inch Meters,

will be received at the office of the undersigned up to 3.30 p. m. on MONDAY, JUNE 5th, 1905.

Specifications and forms of tender may be obtained at the office of H. N. Ruttan, City Engineer, Winnipeg, Canada.

Each tender must be accompanied by an accepted cheque, draft or cash deposit for the sum called for in the form of tender supplied, which will be subject to forfeiture in case of failure on the part of the successful tenderer to enter into a written contract with approved sureties if called upon to do so.

The City reserves the right to reject any or all tenders or to accept any bid which appears advantageous to the City of Winnipeg.

C. J. BROWN, City Clerk.

City Clerk's Office,
Winnipeg, Canada, May 15th, 1905.

6 First class draughtsman disengaged. Pen and ink and color perspectives. ASHTON PENTECOST, Post Office, Norway, Ont.

TENDERS WANTED

for cement sidewalks on several streets in Beamsville Village. Tenders to be opened JUNE 12TH, 1905. For particulars apply to

H. V. ROBINS,
Beamsville, Ont.

TENDERS WANTED

For concrete work on boundary line between the Counties of Waterloo and Wellington.

CONCRETE PIER

At Chamber's Bridge over Grand River, about five miles below Elora.

CONCRETE ARCH

20 ft. span over small stream near Winfield.

Plans, specifications and forms of tender may be obtained from the undersigned or from Jas. Beattie, Esq., County Clerk, Fergus, Ed. Gainer, Esq., Arthur, and Leander Bowman, Esq., Winterbourne.

Tenders must be in the hands of the undersigned by noon on TUESDAY, JUNE 6TH, 1905, and will be opened same day at Court House, Guelph. The lowest or any tender not necessarily accepted.

HERBERT J. BOWMAN,
Civil Engineer.
Berlin, May 18th, 1905.

TOWN OF OSHAWA

Province of Ontario

NOTICE TO CONTRACTORS

Sealed tenders will be received by the Secretary of the Board of Water Commissioners until 8 p m. on JUNE 12TH, for laying a 12 inch Cast Iron Submerged Intake Pipe, about 1,130 feet in length, for the Oshawa Water Works System.

Plans and specifications may be seen at the office of the Chief Engineer, 103 Bay Street, Toronto, and at Oshawa.

No tender necessarily accepted.

THOS. MORRIS, ESQ.,
Sec. Board of Com.
Oshawa, Ontario.

WILLIS CHIPMAN, C.E.,
Chief Engineer,
103 Bay Street,
Toronto.

W. F. COWAN ESQ.,
Chairman Board of Com.,
Oshawa, Ontario.

CONTRACTS OPEN.

STRATHCONA, N.W.T.—Plans are being prepared for a new Presbyterian church here.

MIDWAY, B.C. — The British Columbia Copper Co. will probably build a smelter here.

FULLARTON, ONT.—John Wilson wants tenders by 27th inst. for construction of four cement arches.

OWEN SOUND, ONT.—The Town Council are being urged to invite tenders for construction of cement walks.

SACKVILLE, N.B.—C. C. Avard intends erecting a brick building containing printing office and book bindery.

ANNAN, ONT.—Bids received by James Cannon up to June 1st for purchase of $20,000 4 per cent. debentures.

CALGARY, N. W. T.—It is probable that the School Trustees will be compelled to build another ten-roomed school.

WASKADA, MAN.—Bids received by Henry Wheler up to 31st inst. for purchase of $5,000 6 per cent. debentures.

CHILLIWACK, B.C.—The citizens have subscribed $10,000 towards the enterprise of the Chilliwack Power & Light Co.

SMITH'S FALLS, ONT.—B. E. Sparham, Town Clerk, wants bids by June 3rd for purchase of $84,193 4½ per cent. debentures.

AMHERST, N. S.—Claude D. Black intends building a brick block.—M. A. McKim will build a residence on Spring street.

BERLIN, ONT.—C. Knechtel, architect, has prepared plans for new block, corner of King and Yonge streets, for Peter Hymen.

MEDICINE HAT, N.W.T.—A by-law to provide $60,000 for a sewerage system will be submitted to the electors next month.

NEEPAWA, MAN.—J. W. Pattison will receive tenders up to June 2nd for construction of 10,000 square feet of concrete sidewalk.

INGERSOLL, ONT. — The ratepayers have approved of the proposal to loan $20,000 to the Ingersoll Nut Co. to build a factory here.

PEMBROKE, ONT.—Alex. Millar will receive tenders up to June 10th for building an addition to the East and West Ward schools.

ST. CATHARINES, ONT. — Tenders for laying 4-inch and 6-inch sewer connections will be received by the City Clerk up to 27th inst.

OTTAWA EAST, ONT. — The Ottawa Architectural & Engineering Co. have been instructed to prepare plans for public school here.

ARCOLA, N.W.T.—J. J. Munson will receive tenders up to June 5th for erection of town hall. Plans by W. A. Elliott, architect, Brandon.

LAKEFIELD, ONT. — Plans are being prepared by E. W. Argus, architect, Peterboro, for a large annex to the Craig House here owned by Isaac Eastwood.

FLORENCEVILLE, N.B. — W. Mitchell, architect, St. John, has completed plans for a consolidated school at this place, two stories and basement, hot air heating.

BELLEVILLE, ONT. — The City Council have decided to build $20,000 worth of granolithic walks.—The Belleville Hardware Co. will enlarge their premises.

SUSSEX, N.B.—An expenditure of $6,000 in improving the water and sewerage systems has been sanctioned by the electors. A new pumping station will be built.

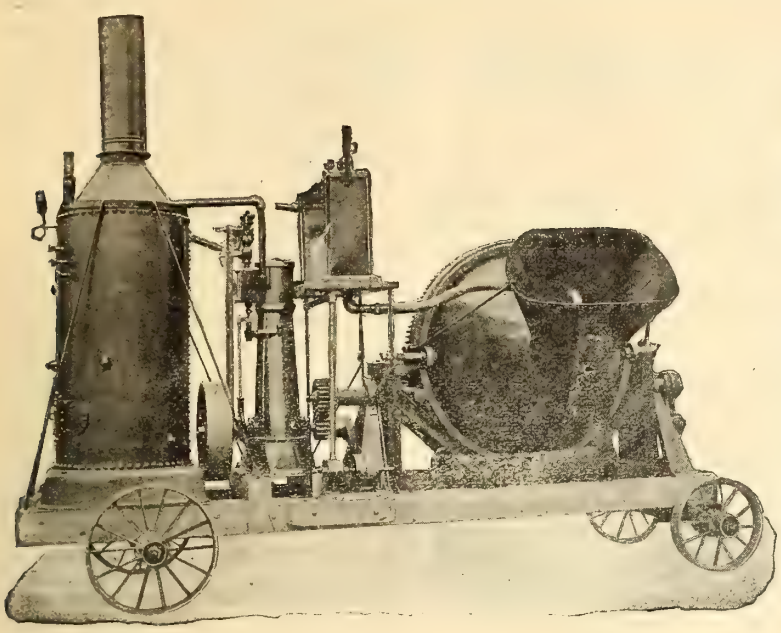
WESTMOUNT, QUE.—The by-law to raise $250,000 for construction of concrete sidewalks, macadamized roads and drains was carried by the ratepayers last week.

COLLINGWOOD, ONT.—John Wilson has prepared plans for a 65-foot addition to Capt. W. A. Clark's store on Hurontario street occupied by Darroch Bros.

QUEBEC, QUE.—Ernest Caron has asked permission from the Council to construct an elevator from Mountain Hill at to Frontenac Park, estimated cost of $50,000.

MORRISBURG, ONT.—George L. Brown is making a survey of the canal bank with a view of selecting a site for coffer dam and power house to be built by the Council.

CRYSLER, ONT. — The Township of Finch has requested the Ontario Government to grant financial aid towards rebuilding four bridges over the Payne river, estimated cost $25,000.



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9. The Smith Mixer cleans as easily as any Mixer, and more easily than most. A few pails of water and a few revolutions, just before shutting down—That's all.
10. 65 sold during March. 70 in April.

W. H. C. Mussen & Co.

MONTREAL

FORT WILLIAM, ONT.—Thomas Hanley, architect, Port Arthur, has prepared plans for an extensive addition to the St. Louis Hotel here.—The Hudson Bay Co.'s store will be enlarged.

MOOSOMIN, N.W.T.—W. White, K.C., has decided to erect a business block on corner of Main street and Broadway, 60 × 125 feet, 3 stories and basement, brick, with stone foundations and trimmings.

LISTOWEL, ONT. — The congregation of All Saints church have decided to build a new edifice, at cost of $10,000. Rev. T. B. Clarke, pastor. —Vandrick Bros. are preparing to build brick block.

DAUPHIN, MAN. — J. A. Fraser wants tenders by June 5th for erection of Presbyterian church.—The Town Council will invite tenders for purchase of $25,000 electric light and $10,000 town hall debentures.

TRENTON, ONT.—George Collins desires tenders by Saturday, 27th inst., for clearing, grubbing and grading of the Whitney extension of the Central Ontario Railway from Bancroft to Bird's Creek, 3½ miles.

EDMONTON, N.W.T.—The Vestry of All Saints church have decided to increase the seating capacity.—W. F. Studebaker, grocer, contemplates the erection of a block.—Revillon Bros. will build a wholesale warehouse.

FERNIE, B.C.—T. H. Tracey, C.E., of Vancouver, has reported that a sewerage system for this place would cost approximately $30,000, and a waterworks system $50,000. A by-law to provide the necessary funds will likely be submitted to the ratepayers.

ORILLIA, ONT.—Plans prepared by W. S. Frost, of this place, have been accepted for a new Y.M.C.A. building to be erected on Peter street, cost $20,000, main building to be 42 × 50 feet, 3 stories and basement, with 2 storey gymnasium 43 × 55 feet, all red brick, with Longford limestone trimmings.

BRANTFORD, ONT. — The Builders Hardware Co., of Toronto, are negotiating for the old pottery works, which, if acquired, will be enlarged and remodelled. — The Board of Emanuel Baptist church have decided to enlarge the edifice. The Wesley Methodist church may also be enlarged.

HAMILTON, ONT.— The Department of Militia and Defence, Ottawa, are asking for tenders up to June 6th for construction of additional target accommodation at the rifle range here. Plans on application to Major S. C. Newburn, 13th Regiment.—The Royal Hamilton Yacht Club will build a $2,000 boat house at the Beach.

ST. JOHN, N.B.—Plans will shortly be completed for the new mills to be erected by the Pender Nail Co.; estimated cost, $30,000.—The New Brunswick Government purpose constructing an interprovincial bridge over the Metapedia river, at a probable cost of $50,000. —The Dominion Government is preparing to call for tenders for dredging here.

ST. THOMAS, ONT.—N. R. Darrach, architect, has taken tenders for erection of a new sacristy and confessional for the Holy Angels church. The work of extending the main building will be done next year. The improvements are expected to cost about $25,000.—It is understood that a new hotel will be erected on the Campbell property, corner Moore and Albert streets.

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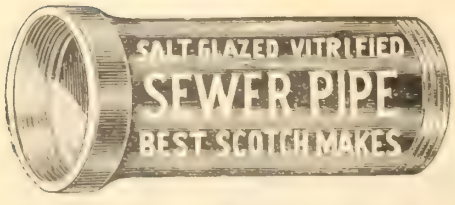

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MONTREAL

GUELPH, ONT. — The by-law to raise $55,000 for improvements and additions to gas plant will be voted on June 24.—President Creelman, of the Ontario Agricultural College, has recommended additions to the chemical laboratory, a large building furnished with shafting, electric power, etc., for the study of implements, and a new laundry building.

OTTAWA, ONT. — William Rea, Secretary Public School Board, is this week taking tenders for erection of addition to Archibald street school.—Extensive improvements are to be made this summer to St. Anne's church, at cost of $10,000. Particulars from Rev. Father Myrand. — The Architectural & Engineering Co. are taking tenders on a residence for N. J. Ker, City Engineer, and have completed plans for new church of St. Albans at Prince Albert, Sask.

CHATHAM, ONT.—A. M. Ppier, architect, has just taken tenders on a brick block for A. E. Williams.—J. L. Wilson & Son, architects, are preparing plans for new bending works for Bryan & Murphy, of Berlin.—The Chatham, Wallaceburg and Lake Erie Electric Railway Co. have purchased property on King street west on which to build their proposed power house and general offices.

MONTREAL, QUE.—Sir William Macdonald has made an additional donation of $50,000 towards the building and equipping of a students' building at McGill University.—The Committee of Management of the General Hospita are considering means of providing increased accommodation.—M. S. Blaiklock, superintendent Grand Trunk Railway, Bonaventure Station, will receive tenders up to 27th inst. for erection of concrete roundhouse near St. Henri.—The ratepayers at Maissoneuve have approved of a by-law to raise $175,000 to improve the streets, build a fire station and pay off indebtedness.

BARRIE, ONT. — Thos. Kennedy, architect, will receive tenders up to May 31st for a residence for Dr. Wallevin, Mary street; pressed brick work, carpenter work, hot water heating, plumbing, galvanized iron and painting. Same architect has prepared plans for two stores and dwellings on Mulcaster street and a seven-room cottage, to be built of concrete, for Thos. Thompson, also for additions to the Wellington Hotel and two large residences in Penetang.

HALIFAX, N.S.—Herbert E. Gates, architect, has prepared plans for alterations to the show rooms of M. S. Brown & Co.; for extensive additions to the residence of Dr. A. C. Hawkins and Geo. E. Rock; for improvements to Victoria General Hospital including new stable; for a two storey brick building at Truro, N.S., for the Nova Scotia Telephone Co. Ltd., for additions to the residence of J. W. Vidito, Dartmouth, N.S., and for a new school building at Advocate, N.S.

TORONTO JUNCTION, ONT. — Building permits were granted last week as follows: Wm. Struckey, brick dwelling, Louisa street, cost $2,200; H. Watkinson, two brick stores, Dundas street, cost $3,300; E. Klinck, two brick houses, Hook avenue, cost $2,100 each; James Archer, brick veneer dwelling, Maria street, cost $1,000; Backers & Parsons, brick dwelling, Louisa street, cost $1,800.—George Denbeigh & Son, brick dwelling, Louisa street, cost $1,800; C. M. Cutts, hardware merchant, will erect a brick store, corner Dundas street and Pacific ave.

VANCOUVER, B.C.—The Department of Public Works, Ottawa, are asking for tenders up to Friday, June 23, for erection of a post office building here.

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Plans at the Department, Ottawa, and at the Vancouver Armory.—Construction will shortly be commenced on the Oddfellows Hall, a 2-storey brick building to be located on corner of Homer and Pender streets.—City Electrician McCrossen has recommended improvements in the lighting system, and a committee has been appointed to visit Seattle and Portland.—Macaulay & Nicholls have sold the property on north-east corner of Smythe and Granville streets, and it is understood that the buyer intends erecting a building.

WINNIPEG, MAN.—J. Woodman, architect, desires tenders by 27th inst. for erection of 6-storey fire proof-building for John Leslie, elevators, electric lighting.—George Browne, architect, is asking for tenders by noon of 29th inst. for erection of two-storey brick store and apartment block on Osborne street, Fort Rouge, for J. S. Aikins and G. A. Muttlebury.—H. B. Rugh, architect, is this week taking tenders on a frame residence, stone foundation, on Spence street for D. M. Duncan.—Tenders are invited by R. Rogers, Minister of Public Works, up to 29th inst., for erection of Land Titles building at Neepawa. Plans on application to S. Hooper, provincial architect. — Darling, Pearson & Over, architects, have prepared plans and are about to invite tenders for a large warehouse and office building on Victoria street for the Dominion Radiator Co., of Toronto.—Over $8,000 has been subscribed towards a new club house for the Catholic Club of Winnipeg. It is proposed to erect a building costing $40,000.—J. H. G. Russell, architect, is this week taking tenders for alterations and additions to residence on Donald street for W. L. Watt and for erection of frame residence on Wellington crescent for H. B. Brydges.—It is announced that plans for the new Canadian Northern Railway depot are likely to be ready this week.—J. F. & G. Galt have purchased the property at north-west corner of Lombard and Lorie streets and may build thereon.—Gillespie & Campbell, druggists, will build a block on south-west corner of Main street and Aberdeen ave. The following parties intend building on Wellington crescent: W. Russell, manager of the Grain Exchange branch of the Bank of Hamilton; Donald R. Dingwall, jeweler; Robt. J. Walker, agent; Ernest Pitt, superintendent of insurance; Andrew Lake, manager Accident Insurance Company; Butcher Cox and W. Cuddy, of Springfield.—H. Harrison & Co. will build several houses in Silver Heights park.—King Edward Lodge A. F. & A.M. will erect a building on corner of Main street and Manitoba ave.—A. & W. Melville have just taken tenders on a nine-house frame terrace on Jarvis street for W. T. Grose.—The City Board of Works will call for tenders for 1,500 cords of cedar paving blocks. — Vice-president Whyte, of the Canadian Pacific Railway, announces that it has been decided to double track the line between Winnipeg and Fort William, a distance of 427 miles.—Herbert Matthews is this week taking tenders on a warehouse on Portage ave. east for D. S. Perron & Co.

TORONTO, ONT. — Tenders are wanted at 398 Queen street east for all trades except carpenter work for erection of residence on Simpson ave.—Trinity Methodist church will build or buy a $6,000 parsonage.—The Toilet Laundry Co. have purchased property on east side of Yonge street, north of College, which they will remodel and equip for laundry purposes.—The Mason & Risch Piano Co. intends adding two stories to their factory on King street west.—The Board of Control desires tenders by Tuesday, June 6, for erection of a fire hall on Cowan ave. Plans at offices of the Property Department, City Hall. — The Ontario Government will immediately place at the disposal of the Trustees of the University of Toronto the sum of $495,000 to be expended on necessary buildings, to include a new general hospital, physics building, convocation hall, museum for the Science building, four men's residences, and addition to women's residence. These buildings are estimated to cost $1,600,000.—It is reported that the King Edward Hotel management have in view the addition of two stories to the building.—The three-storey brick building at 10 and 12 Alice street has been purchased by the Dominion Coat & Apron Co., who will install a laundry plant.—The Board of Control have instructed the City Architect to prepare plans for an addition to the House of Industry, to cost about $10,000.—A bill has been introduced in the Ontario Legislature providing for the operation of the Temiskaming and Northern Ontario Railway by electric power. — The D. Conboy Carriage Co. have purchased 150,000 square feet of land in the old ball grounds at corner of Eastern and Broadview aves. and intend erecting a factory costing probably $100,000. —The Council intend constructing several costly pavements, including the following: Macadam on Queen street, from Kingston road to east city limits, cost $30,730; vitrified block on Dundas street, from the bridge to Bloor street, cost $29,178; asphalt on Alexander street, from Yonge to Church, cost $6,616.—Building permits have been granted as follows: W. G. Chisholm, pair two-storey and attic brick and stone dwellings, 26 and 28 Delaware ave., cost $4,000; C. German, two-storey stone and brick residence, Broadview ave.,

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near Wolfrey, cost $3,500 ; William Murray, pair two-storey stone and brick dwellings, Kendal ave., near Dupont street, cost $6,000 ; Gordon McKay & Co., three-storey brick storehouse, Atlantic ave., near King street, cost $6,000 ; John N. Lake, 2½-storey brick dwelling, 410 Jarvis street, cost $5,500 ; D. McDonald, two-storey and attic brick residence, 1288 King street west, cost $7,500 ; James Ryrie, two-storey and attic brick residence, 56 South drive, cost $4,500 ; John Peace, two-storey and attic stone and brick addition on McMaster ave., near Rathnally, cost $4,000 ; James Lumbers, two-storey brick addition to warehouse, 67 Front street east, cost $6,000 ; Wm. Hilborn, pair two-storey and attic brick dwellings, north side Walker ave., near Yonge street, cost $4,500 ; S. B. Bagshaw, 2½-storey stone and brick dwelling, 479 Marion street, cost $3,400 ; David Garrow, 2½-storey stone and brick residence, Roxborough street, near Avenue road, cost $5,000 ; James Rae, pair three-storey stone and brick stores and dwellings, Queen street west, near Sorauren ave., cost $4,000 ; John Elliott, alterations to brick stable, northeast corner Yonge and Cottingham streets, cost $3,000 ; F. L. Beecroft, 2½-storey stone and brick dwelling, west side Dovercourt road, near Bloor street, cost $3,300 ; George Nicholson, two pairs two-storey brick dwellings, west side Jones ave., near Gerrard street, cost $4,000 ; Miss Jane Bailey, two-storey brick residence, 118 Spadina road, cost $5,000 ; J. H. Watkins, three-storey stone and brick store and dwelling, Queen street west, near Lansdowne ave., cost $3,000 ; Donald Bain, two-storey and attic stone and brick residence, 488 Dovercourt road, cost $4,000 ; J. H. Aberdeen, pair two-storey and attic stone and brick dwellings, north-west corner College and Gladstone ave., cost $4,800; George Harrington, two-storey and attic roughcast dwellings, brick foundations and fronts, south side Victor ave., cost $3,000.

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STELLARTON, N. S. — Y. M. C. A. building : John McQuarrie, contractor.

NORTH BAY, ONT. — Residence for E. W. Ross : J. R. Eaton, Orillia, contractor.

HALIFAX, N. S. — Baptist church : Rhodes, Curry & Co., of Amherst, contractors.

GILBERT PLAINS, MAN.—Building Grand Central Hotel : B. Cutforth, contractor.

CHATHAM, N. B.—Building for Hoffman & Sons : John MacDonald Co., contractors.

BRANDON, MAN.—Canadian Bank of Commerce building : T. M. Harrington, contractor.

WINCHESTER, ONT. — Henderson Creek drain : J. Champlong, of Hudson, Que., $3,450.

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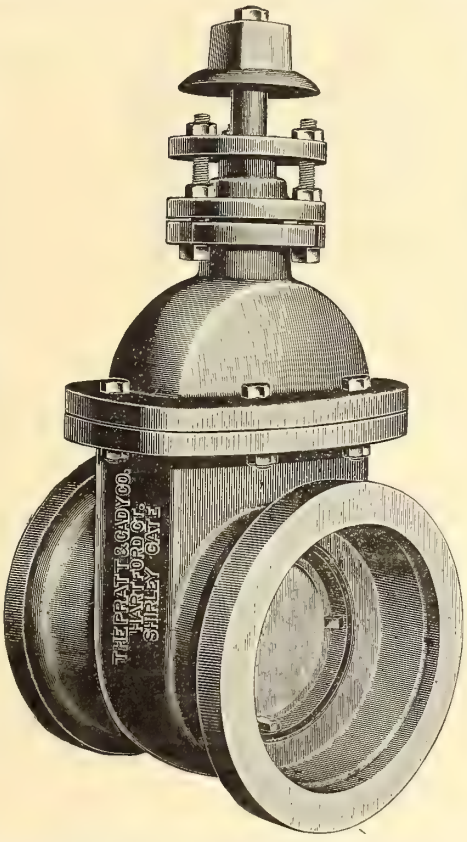

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C. H. RUST, City Engineer. W. A. CLEMENT, Asst. Engineer.

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						Neat.					3 (Sand) to 1 (Cement).					
				Initial.	Final.	1 dy.	7 dys	28 dys.	3 mos	1 yr.	1 dy.	7 dys.	28 dys.	3 mos.	1 yr.	
Alpha	O. K.	3.177	9.3	222	399	292	752	811	868	841	57	197	271	317	327	United States.
Atlas	O. K.	3.100	9.3	152	387	385	579	622	710	712	61	186	246	305	339	" "
Hercules	41% failed	3.159	7 1	120	240	292	696	836	777	711	51	174	222	242	231	Canada.
Imperial	O. K.	3.213	6.2	40	75	250	352	400	484	485	61	128	176	254	321	"
Lehigh	O. K.	3.183	9.1	166	356	348	746	849	897	880	73	201	273	334	361	United States.
Monarch	4% failed	3.154	7.5	176	355	366	653	701	731	701	66	173	242	303	355	Canada.
NATIONAL	O. K.	**3.135**	**2.1**	**162**	**345**	**307**	**701**	**783**	**827**	**804**	**74**	**214**	**299**	**367**	**368**	"
Rathbun's Star	O. K.	3.140	5.0	123	305	359	581	640	677	676	75	193	255	313	349	"
Samson	7% failed	3.118	6.3	107	252	257	462	525	583	612	67	163	231	284	338	"

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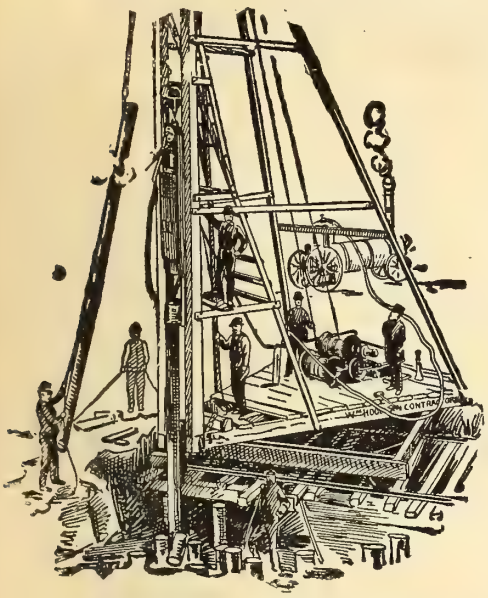

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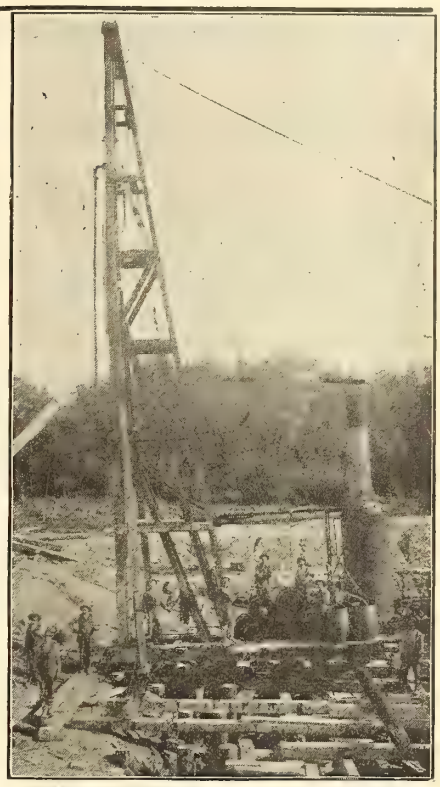

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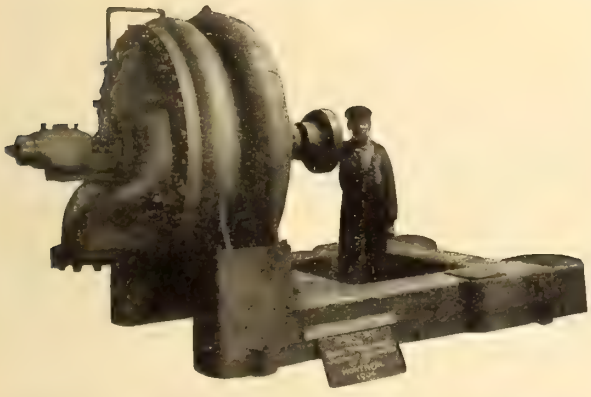

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BERLIN, ONT. — Heating Methodist church: James Smart Manufacturing Co., Brockville, successful tenderers.

CARBERRY, MAN.—Construction of cement walks: James Fowler, successful tenderer, 90 cents per square foot.

VICTORIA, B. C. — Structural steel for new C. P. R. Hotel: E. G. Prior & Co., this place, successful tenderers.

HUNTINGDON, QUE.—Steel bridge over Chateauguay river: Dominion Bridge Co., Montreal, successful tenderers, $1,775.

FORT FRANCES, ONT.—Steam fire engine for town: Nott Fire Engine Co., St. Paul, Minn., successful tenderers, $3,675 f.o.b. Fort Frances.

DUNNVILLE, ONT.—Construction of 20,000 feet cement concrete walks: Silica Barytic Stone Co., Ingersoll, successful tenderers, 9½ cents per square foot.

HAMILTON, ONT. — The Climax Road Machinery Co. have been awarded a large contract for tile moulds to make pipe for the James Bay and Canadian Pacific Railways.

ST. THOMAS, ONT.—Two 2-storey pressed brick residences for James Butler, of London: Architect, N. R. Darrach; masonry, A. E. Ponsford; carpentry, Sanders & Powers.

TORONTO, ONT.—The contract for the Toronto-Sudbury line between Parry Sound and Bolton, 128 miles in length, has been awarded by the C. P. R. to George S. Deeks & Co.

RENFREW, ONT.— Waterworks improvements: Supply of direct connected pump and motor, John McDougall Caledonian Iron Works Co., Montreal, $3,913; two filters, Roberts Manufacturing Co., Philadelphia.

GALT, ONT.—Remodelling of Central school: Architect, F.W. Mellish; masonry, W. J. Webster; painting, W. McLeod; metal ceilings, Galt Art Metal Co.; plumbing, H. Dakin; heating and ventilating, Sheldon & Sheldon.

MIDLAND, ONT.— Thirteen tenders were received for construction of concrete sidewalks, the successful tenderer being the Pettypiece Silex Stone Co., of Amherstburg, at following prices: Walks, 12 cents per ft.; curbing, 18 cents; crossings, 14 cents.

KINGSTON, ONT. — Residence on William street for T. F. Harrison: Architect, Arthur Ellis; masonry, H. W. Watts; carpentry, R. N. F. McFarlane; painting, T. W. Milo; plumbing, McKelvey & Birch; electric work, G. R. Tomlinson.

ST. JOHN, N. B. — Alterations to Canada Permanent building: Robert Maxwell, contractor.—Building on Waterloo street for St. Vincent de Paul Society: McKean & Dunn, architects; Andrew Myles, contractor.—Supply of 400 barrels of Trinidad asphalt: Schofield & Co., successful tenderers, $4.50 per barrel.

STRATFORD, ONT.—The City Council have let the contract for paving the following streets: Ontario street, asphalt block; Market and Downie streets, to George street, asphalt block; Downie street, from George to Shakespeare, brick; Brunswick street, from Downie to Waterloo, brick. The Walkerville asphalt block and Metropolitan brick will be used. The contract for the work has been let to A. J. Murphy, of Port Huron, Mich., at $38,326.

LONDON, ONT. — William Murray, architect, has accepted the following tenders for new Sunday school for St. Andrews church, to cost about $16,000: Carpenter work, Archibald & Wilson; brick work, John Burnett & Sons; painting and glazing, A. T. Corp; plumbing, Smith Bros. & Co.; felt and gravel roofing, William Roughley; slating, John Whittaker; lathing and plastering, Stratfold & Bawden; brass work, Dennis Wire & Iron Works; electrical fittings, Electrical Construction Co.; furnaces, W. Stevely & Son.

OTTAWA, ONT.—The successful tenderers for Bronson ave. school are as follows: Brick and stone work and excavation, A. Garvock, $5,460; carpentry, Taylor & Lackey, $4,479 35; plastering, F. Hunt, $395; painting, W. J. Carson, $632; roofing, Herbert & Son, $110; plumbing, Butterworth & Co., $1,347; galvanized iron work, $527; electrical work, J. A. L. Ellacott, $95; steel beams, Canadian Agency & Supply Co., $228.94; boiler, stack and vent flue, W. J. Campbell, $588; heating, Thompson & Livock, $725. For Cartier st. school tenders were accepted as follows: Brick and stone work, A. Garvock, $13,555; carpentry, A. Richards, $9,227.82; plastering, F. Hunt, $679; painting, W. J. Carson, $1,300; roofing, John Carnochan, $260; galvanized iron work, Wadsworth & Sheppard, $1,400; electrical work, J. A. L. Ellacott, $137.75; steel beams, Canadian Agency & Supply Co., $864.40.

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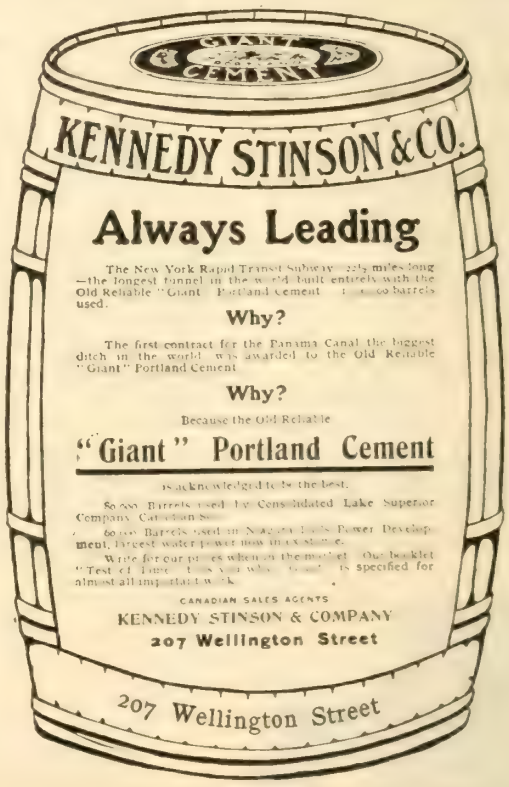

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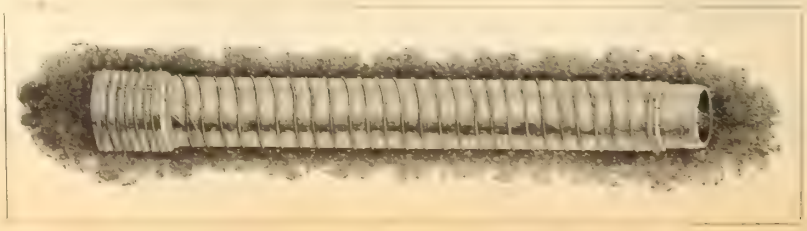

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Alsen	2 65	2 95		2 40
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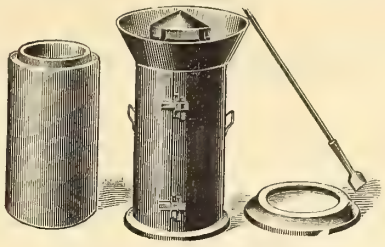

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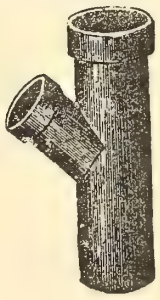

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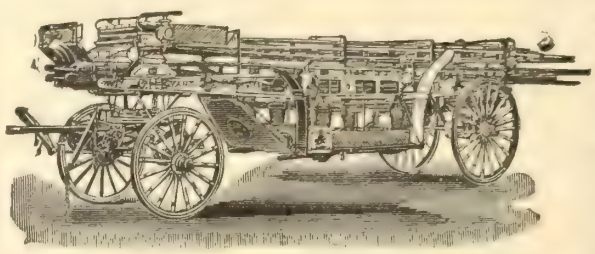

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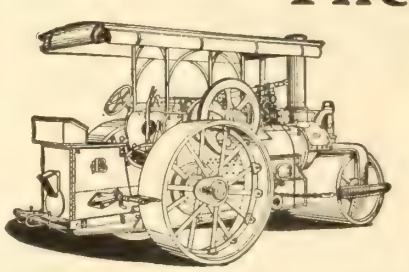

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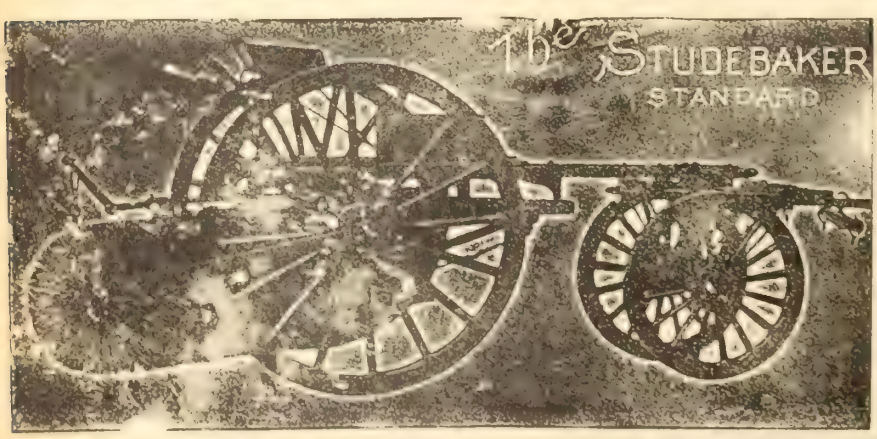

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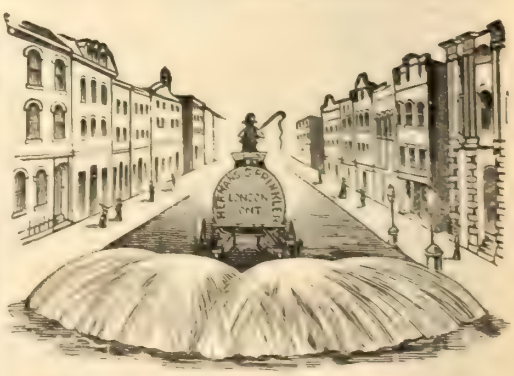

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THE CANADIAN SEWER PIPE CO.

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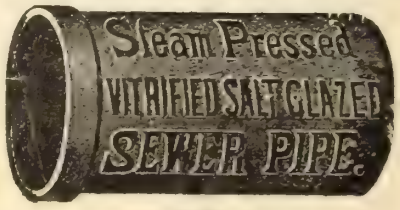


FOR

Sewers, Culverts and Water Pipes

Inverts for Brick Sewers

WRITE FOR DISCOUNTS

ST JOHNS, P.Q. HAMILTON, ONT. TORONTO, ONT

ALSEN'S, 45 Broadway, NEW YORK

THE OFFICIAL PRACTICAL TEST OF CONCRETE VAULT LIGHT CONSTRUCTION

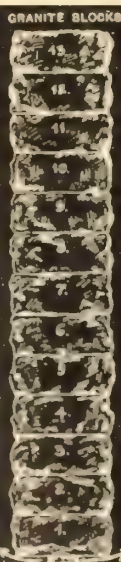
UNDER THE PERSONAL DIRECTION OF

WM. BARCLAY PARSONS, C.E., M.AM.SOC. C.E.
CHIEF ENGINEER R. T. COMMISSION

AND

S. L. F. DEYO, C. E., M. AM. SOC. C. E.
CHIEF ENG. R. T. SUBWAY CONSTRUCTION CO.

ALSEN'S HAS BEEN SELECTED IN PREFERENCE TO ALL OTHER BRANDS FOR THE SUBWAY RAPID TRANSIT STATIONS OF THE ENTIRE SYSTEM, REACHING FROM THE BATTERY TO THE BRONX.



MERELY SUSPENDED BETWEEN I-BEAMS A SLAB OF

ALSEN CONCRETE

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5 FEET WIDE } 30 DAYS OLD
12 1-2 FEET LONG

SUSTAINED 11,882 POUNDS OF CONCENTRATED WEIGHT

ON AN IRON DISC 8 1-2 IN. IN DIAMETER

THOUGH HIGHEST IN PRICE, ALSEN'S IS BEING USED IN THIS VERY IMPORTANT CONSTRUCTION, NOT ONLY BECAUSE OF ITS GREATER STRENGTH, BUT CHIEFLY BECAUSE OF ITS ABSOLUTE SAFETY IN ACTUAL WORK.

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DON'T BE BLIND

To Your Own Interests

We Have

The greatest labor saving device of the kind on the market.

BEAVER POST HOLE DIGGER

No wood to rot, check or break.
Will pay for itself in one day.

CANADA FOUNDRY COMPANY LIMITED

Head Office and Works: TORONTO, ONT.

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Montreal Pipe Foundry Co., Limited

Special Castings
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Valve Boxes and general Water Works Supplies

Works at: LACHINE, QUE. THREE RIVERS, QUE LONDONDERRY, N. S.

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THE GARTSHORE-THOMSON PIPE & FOUNDRY CO. LIMITED.

Manufacturers of

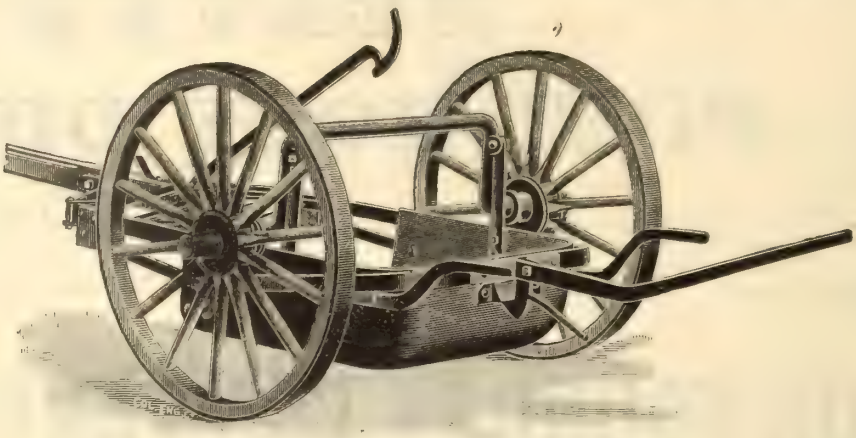
Flexible and Flange Pipe, Special Castings and all kinds of Waterworks Supplies

3 inches to 60 inches diameter.

For Water, Gas, Culvert and Sewer

HAMILTON, ONT.

CONTRACTORS' SUPPLIES



NEW IMPROVED "KILBOURNE & JACOBS" PRESSED BOWL WHEELSCRAPER

The only perfect Wheelscraper. The best, strongest and easiest working wheelscraper ever put on the market. The bowl is best steel plate 3/16 inch thick. The bottoms of all Pressed Bowl Scrapers are oil tempered. All metal working parts are of best machine steel.

ALL SIZES CARRIED IN STOCK

OUR SOLID STEEL DRAG SCRAPER

It is the lightest, strongest, and most durable scraper in existence and will displace all others wherever it is known.

We carry three sizes in stock and can supply same with runners or bottom plates if desired. . . . .

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These cars are superior, both in material and construction, also ease of operation, to any cars heretofore manufactured.

Let us send you our special car catalogue.

RANSOME CONCRETE MIXERS

Have the enviable reputation of Mixing Better, Quicker and Cheaper than any other mixer. Mixers supplied either with or without power—on Skids or Trucks—and all capacities.

Let us hear from you. We know we can save you money

IN ADDITION TO THE ABOVE ARTICLES WE CARRY THE MOST COMPLETE STOCK IN CANADA OF EVERYTHING NECESSARY TO ANY CONTRACTOR.

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MONTREAL

CANADIAN

Contract Record

A Weekly Journal of Public Works, Tenders, Advance Information and Municipal Progress

This Paper Reaches Every Week the Town and City Clerks, Town and City Engineers, County Clerks and County Engineers, Purchasers of Municipal Debentures and Leading Contractors In All Lines Throughout Canada

VOL. 16. TORONTO, MONTREAL — MAY 31, 1905 — WINNIPEG, VANCOUVER. No. 14

THE CANADIAN CONTRACT RECORD
PUBLISHED EVERY WEDNESDAY

As an Intermediate Edition of the Canadian Architect and Builder.

THE C. H. MORTIMER PUBLISHING COMPANY
of Toronto, Limited,

Subscription Price, $2 per annum, payable in advance.

CONFEDERATION LIFE BUILDING, TORONTO
Telephone Main 2362.

Branch Offices :
38 Alliance Building, Montreal,
Telephone Main 2299.

720-721 Union Bank Building, Winnipeg.
22 Great St. Helen's, London, England.

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TENDERS WANTED

for cement sidewalks on several streets in Beamsville Village. Tenders to be opened JUNE 12TH, 1905. For particulars apply to

H. V. ROBINS,
Beamsville, Ont.

TOWN OF MEDICINE HAT

TENDERS WANTED

The Town of Medicine Hat has the following four lots of Municipal Debentures for sale, for which tenders will be received up to 9 o'clock on the 19TH DAY OF JUNE, 1905:

$12 000.00 Natural Gas,
$10,000.00 Water-works,
$30,000.00 Municipal Building,
$2,600,00 for the purchase of the New Edinburg Natural Gas well, Gas and Water plant.

These four lots of Debentures all date from the 1st of August, 1905, bear interest at 5% and are repayable in 20 equal annual instalments of principal and interest. For particulars address the undersigned. The highest or any tender not necessarily accepted.

W. N. ADSIT, Secretary-Treasurer,
Town of Medicine Hat

TENDERS WANTED

For concrete work on boundary line between the Counties of Waterloo and Wellington.

CONCRETE PIER

At Chamber's Bridge over Grand River, about five miles below Elora.

CONCRETE ARCH

20 ft. span over small stream near Winfield.

Plans, specifications and forms of tender may be obtained from the undersigned or from Jas. Beattie, Esq., County Clerk, Fergus, Ed. Gainer, Esq., Arthur, and Leander Bowman, Esq., Winterbourne.

Tenders must be in the hands of the undersigned by noon on TUESDAY, JUNE 6TH, 1905, and will be opened same day at Court House, Guelph. The lowest or any tender not necessarily accepted.

HERBERT J. BOWMAN,
Civil Engineer.

Berlin, May 18th, 1905.

TENDERS

Will be received by the undersigned for the various trades required in the erection of a Branch Office on Yonge Street, Toronto, for the Canadian Bank of Commerce.

Plans may be seen on and after Thursday, June 1st, and tenders will be received up till noon SATURDAY, JUNE 10TH.

The lowest or any tender not necessarily accepted.

DARLING & PEARSON, Architects,
2 Leader Lane, Toronto.

TOWN OF OSHAWA

Province of Ontario

NOTICE TO CONTRACTORS

Sealed tenders will be received by the Secretary of the Board of Water Commissioners until 8 p. m. on JUNE 12TH, for laying a 12 inch Cast Iron Submerged Intake Pipe, about 1,130 feet in length, for the Oshawa Water Works System.

Plans and specifications may be seen at the office of the Chief Engineer, 103 Bay Street, Toronto, and at Oshawa.

No tender necessarily accepted.

THOS. MORRIS, ESQ.,
Sec. Board of Com.
Oshawa, Ontario.

WILLIS CHIPMAN, C.E.,
Chief Engineer,
103 Bay Street,
Toronto.

W. F. COWAN ESQ.,
Chairman Board of Com.,
Oshawa, Ontario.

TENDERS

Sealed tenders will be received by Mr. Wm. Davidson (County Clerk of Perth) up to 12 o'clock a. m., TUESDAY, the 6TH DAY OF JUNE, for the construction of a Steel Bridge to be built across the Thames river at the town line of Fullarton, Blanshard and Downie, span =138 ft. c. to c. end pins.

Also for the construction of abutments and wing walls for the same.

Also for the construction of approaches to the said bridge. The contractor to furnish all material, etc. An accepted bank cheque payable to the Treasurer of the County of Perth for the amount of 5 per cent. must accompany each tender, the same to be forfeited if the tenderer decline the contract or fail in the performance thereof, and to be returned in case of non-acceptance.

Plans and specifications for each contract may be seen at the County Clerk's or Engineer's offices.

The lowest or any tender not necessarily accepted.

JOHN ROGER, Engineer,
Mitchell, Ont.

TENDERS

Will be received by the undersigned up till noon on WEDNESDAY, JUNE 7TH, for all the various trades required in the erection of a Branch Office at Bloor and Yonge Streets, Toronto, for the Imperial Bank of Canada.

The lowest or any tender not necessarily accepted.

DARLING & PEARSON, Architects,
2 Leader Lane, Toronto.

Contractors' Notice

Tenders are invited until JUNE 7TH 1905, for the following works to be done in the City of Calgary :—

Laying 2 miles of 6" water main.
Laying 1½ miles tile sewer.
Laying 90,000 square feet concrete sidewalks with curb and gutter.

Specifications and form of tender may be obtained from the City Engineer, Calgary.

F. W. THOROLD, B. A. Sc.,
City Engineer, Calgary.

City of Winnipeg

PROPOSALS FOR SUPPLY OF ELECTRIC POWER AND WATER POWER LOCATIONS

The City of Winnipeg invites proposals for the supply of Electric Power upon certain conditions, a copy of which may be obtained upon application at this office, and also proposals from parties who own Water Powers for the sale to the City of such Water Power.

The proposals shall be addressed to Ald. J.W. Cockburn, Chairman of the Special Power Committee, and will be received at the office of the undersigned up to 12 o'clock noon on Monday, June 12, 1905.

ELECTRIC POWER.

The maximum quantity of power to be used at any time will be 1,500 horse power.

The power is to be delivered to the City at a point to be agreed upon, east of Main Street, and will be paid for by the City monthly, the quantity used will be determined by Watt Meters placed on the City's incoming switchboard. Any party or company tendering for the right or franchise in the City under the conditions herein referred to shall submit with such tender a deposit in cash or marked cheque of $5,000. In case of acceptance of such tender the contractor shall deposit an additional $20,000 within thirty days; said two sums to be retained by the City as security for the completion of the company's works to develop the Water Power and for the works and plant necessary for the transmission of same to the City.

WATER POWER LOCATIONS.

In addition to the above the City will receive proposals from parties who own Water Powers for the sale to the City of such Water Power, such proposals to be accompanied by plans showing the location of such Water Powers and any works of development which may be done upon them.

The City reserves the right to reject any or all tenders or to accept any bid which appears advantageous to the City of Winnipeg.

C. J. BROWN,
City Clerk

City Clerk's Office,
Winnipeg, Canada, May 13th, 1905.

[FOR ADDITIONAL ADVERTISEMENTS FOR TENDERS SEE NEXT PAGE.]

TENDERS WANTED

Whole or separate tenders for all trades will be received [illegible] JUNE, [illegible] noon, for the erection of a foundry and machine shop for the Fairbanks Morse Canadian Manufacturing Company. No tenders necessarily accepted.

J. A. ELLIS, Architect,
209 Manning Chambers, Toronto.

TENDERS

FOR

SUPPLY OF WATER PIPE AND SPECIALS AND WATER METERS

Sealed tenders, addressed to the Chairman of the Fire, Water and Light Committee, for the supply of Water Pipe and Specials of various sizes for High Pressure Fire Service, and for the supply of the following quantities of Water Meters, viz. :—

500 one-half inch Meters,
200 three-quarter inch Meters,
50 one-inch Meters,

will be received at the office of the undersigned up to 3 30 p. m. on MONDAY, JUNE 5th, 1905.

Specifications and forms of tender may be obtained at the office of H N. Ruttan, City Engineer, Winnipeg, Canada.

Each tender must be accompanied by an accepted cheque, draft or cash deposit for the sum called for in the form of tender supplied, which will be subject to forfeiture in case of failure on the part of the successful tenderer to enter into a written contract with approved sureties if called upon to do so.

The City reserves the right to reject any or all tenders or to accept any bid which appears advantageous to the City of Winnipeg.

C. J. BROWN, City Clerk.

City Clerk's Office,
Winnipeg, Canada, May 15th, 1905.

CONTRACTS OPEN.

DUNDAS, ONT.—Peter McGovern intends building a residence on King street.

TOTTENHAM, ONT. — A waterworks system for fire protection may be constructed.

PHOENIX, B.C.—J. Marshall will erect a 3-storey frame hotel costing about $20,000.

RIVER HEBERT, N. S.—The Strathcona Coal Co. will build a number of miners' cottages.

ZURICH, ONT.—About 6,000 square feet of granolithic sidewalks will be constructed this summer.

PONOKA, N. W. T.—The question of installing waterworks and electric light is under consideration.

BRANDON, MAN.—A 4-storey addition will be built to the Bank of British North America.

NIAGARA FALLS, ONT.—Fred. Menzie will build a residence at corner of First ave. and Jepson street.

ELMVALE, ONT.—The by-law to raise $3,500 to build granolithic sidewalks was carried unanimously.

SUSSEX, N.B.—The erection of a new school building costing about $20,000 has been recommended.

HULL, QUE.—F. M. Hamel, City Engineer, is this week taking tenders on construction of tile pipe sewers.

GLACE BAY, N. S.—The ratepayers have voted in favor of raising $125,000 for extension of waterworks system.

WESTMOUNT, QUE. — A new Catholic church will be built at corner of Greene ave. and St. Antoine street.

RENFREW, ONT. — Tenders desired by J. H. Walford, up to June 12th, for heating Central school with hot water.

SARNIA, ONT.—M. R. Burrowes, architect, will prepare plans for improvements to St. George's church, cost about $1,800.

MACGREGOR, MAN.—T. R. Vardon desires tenders by June 3rd for erection of municipal hall, concrete or brick, 24 × 30 feet.

ATHENS, ONT.—James Ross wants tenders by June 3rd for erection of public school. Plans by B. Dillon, architect, Brockville.

LISTOWEL, ONT.—The new Carnegie library will be constructed of cement blocks and roofed with slate. W. E. Binning, architect.

OTTAWA, ONT. — The management of the Russell House have decided to build an 8-storey addition at a cost of about $100,000.

KINGSTON, ONT.—The City Council have decided to submit a by-law to the ratepayers to provide $3,400 to extend O'Kill street sewer.

CLINTON, ONT.—Stewart & Taylor, architects, of Brantford, are preparing plans for the factory to be built here by the Clinton Knitting Co.

ALTONA, MAN.—The Mennonite Educational Institute Association have decided to build a modern institute here, at an estimated cost of $20,000.

EDMUNDSTON, N.B.—Surveys are being made for a waterworks system by gravitation from a brook 2½ miles distant ; approximate cost, $40,000.

STANSTEAD, QUE. - Geo. D. Story, architect, Newport, Vermont, has prepared plans for a gymnasium at Stanstead College, brick, 42 x 70 feet.

BELWOOD, ONT.—R. McGregor wants tenders by June 3rd for erection of Presbyterian church, 50 × 100 feet, contractors to furnish their own plans.

OTTAWA EAST, ONT.—The contract will be awarded this week for erection of four-room school. Plans by the Architectural & Engineering Co., Ottawa.

VALLEYFIELD, QUE.—The City have decided to install an electric light plant and have engaged Charles Brandeis, C.E., of Montreal, as consulting engineer.

MEAFORD, ONT.—The Fire, Water & Light Committee have been requested to submit an estimate of the cost of installing and operating a municipal electric light plant.

VICTORIA, B.C.—It is reported that the Imperial authorities contemplate the restoration and enlargement of the military establishment at Esquimalt, at a cost of about $1,500,000.

EAST TORONTO, ONT. — The Maestro Piano Co. agree to spend $30,000 in building a factory if given exemption from taxation for ten years, free water, and a loan of $10,000.

NEW WESTMINSTER, B. C.—The Fraser River Tannery Co., represented by D. J. Fader, are having plans prepared for new tannery, work on which will be commenced within a fortnight.

COLLINGWOOD, ONT.—John Wilson, architect, is preparing plans for new Y. M. C. A. building to be built at corner of Pine and Third streets.—D. A. Bell will erect a residence on Fifth street.

ST. THOMAS, ONT.—By-laws have been passed by the Council authorizing the issue of debentures for $4,500 for rebuilding of St. George street bridge and $28,000 for waterworks improvements.

NORTH SYDNEY, N.S.—The St. Lawrence Coal Co. will install a plant with a capacity of raising 500 tons of coal a day. Charles Brandeis, of Montreal, has been retained as consulting engineer.

KINCARDINE, ONT. — John McCrimmon, Chairman High School Committee, desires tenders by June 7th for additions to High school. Plans by Stewart & Witton, architects, Hamilton.

TORONTO JUNCTION, ONT.—Operations will be commenced at once on the proposed abattoir near the Union Stock Yards, estimated to cost $200,000. Gunn Bros., Toronto, are interested.

ST. JOHN, N. B.—It is reported that the C. P. R. will construct a bridge across the river here.—It is probable that the new Y.M.C.A. building will not be commenced until the full $60,000 is subscribed.

BRACEBRIDGE, ONT. — Willis Chipman, C.E., of Toronto, was here last week in connection with his report on an extension to the waterworks system. A new pump will likely be purchased.

STRATFORD, ONT.—Orr & Russell, architects, are preparing plans for new building for Stratford Wholesale Grocery Co., corner Downie and George streets, 40 × 90 feet, 2 stories, cost $5,000.

PEMBROKE, ONT. — The Pembroke Electric Light Co. are negotiating for purchase of Black river water power with the object of developing it and transmitting electric energy to Pembroke.

PETERBORO, ONT. — William Blackwell, architect, has completed plans for new hotel at Burleigh Falls for Thomas Darcy, 70×40 ft., 3 stories, brick, containing 33 bedrooms, lighted by acetylene gas, hot air heating.

CHATHAM, ONT.—J. L. Wilson & Son, architects, have prepared plans for buildings to be erected by the Chatham & Wallaceburg Electric Railway Co.—J. H. Glassford will commence work immediately on his new hotel.

AMHERST, N.S. — The Hewson Woollen Co. propose building a 50-foot addition to their factory, 3 stories, brick and stone.—M. B. Vail will erect a 4-storey brick and stone block at corner of Eddy and Victoria streets.

STE. ANNE'S, QUE.—Prof. J. W. Robertson states that contracts will be let within a few days for the several buildings which will constitute the Agricultural and Training College to be built here by Sir William Macdonald.

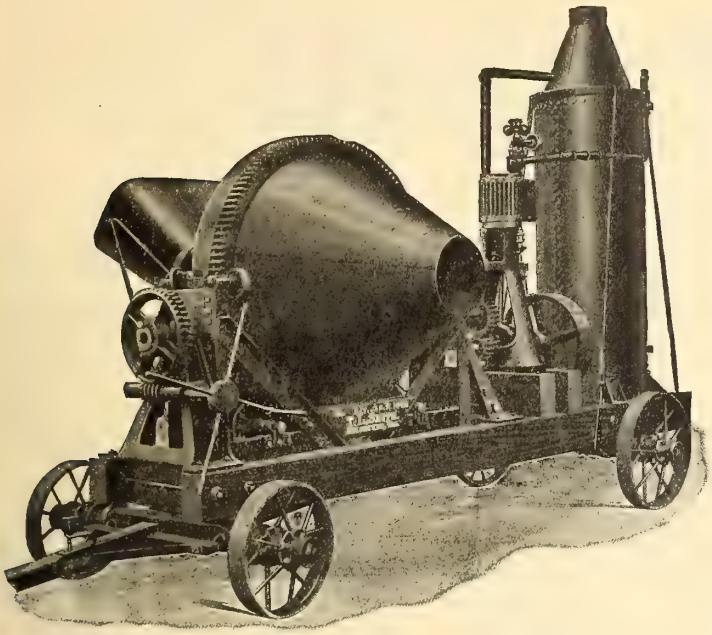
ST. BONIFACE, MAN.—The Royal Canadian Flour Mills Co. propose to erect a mill costing upwards of $200,000. James Fisher is their solicitor.—It is understood that the A. Kelly Milling Co., of Brandon, have decided to erect a 3,000 barrel flour mill here.

ST. CATHARINES, ONT. — The Department of Railways and Canals, Ottawa, want tenders by June 7th for supply of stone and placing of stone protection along certain portions of the canal between Thorold and Port Colborne. Plans at the Superintending Engineer's office here.

WINGHAM, ONT.—The City Council have decided to submit a by-law to the ratepayers to raise $12,000 for extension of waterworks system, also fixing the assessment of the Canada Furniture Manufacturers Co. at $25,000 provided they erect a 3 storey building 64×70 ft., with basement.

GUELPH, ONT.—McPhie & Mahoney, architects, are asking for tenders for 3-storey addition to Victoria Hotel for Thomas Ward.—J. Hutcheon, C. E., will receive tenders up to June 6th for building a concrete arch bridge of 35 ft. span on town line between Garafraxa and Luther, also for concrete abutments for Saunders bridge.

BARRIE, ONT.—Tenders for erection of reinforced concrete arch bridge over Mad river near Glen Huron, also for bridge with stone abutments and steel superstructure at same place, will be received by D. Quinlan up to June 5th.



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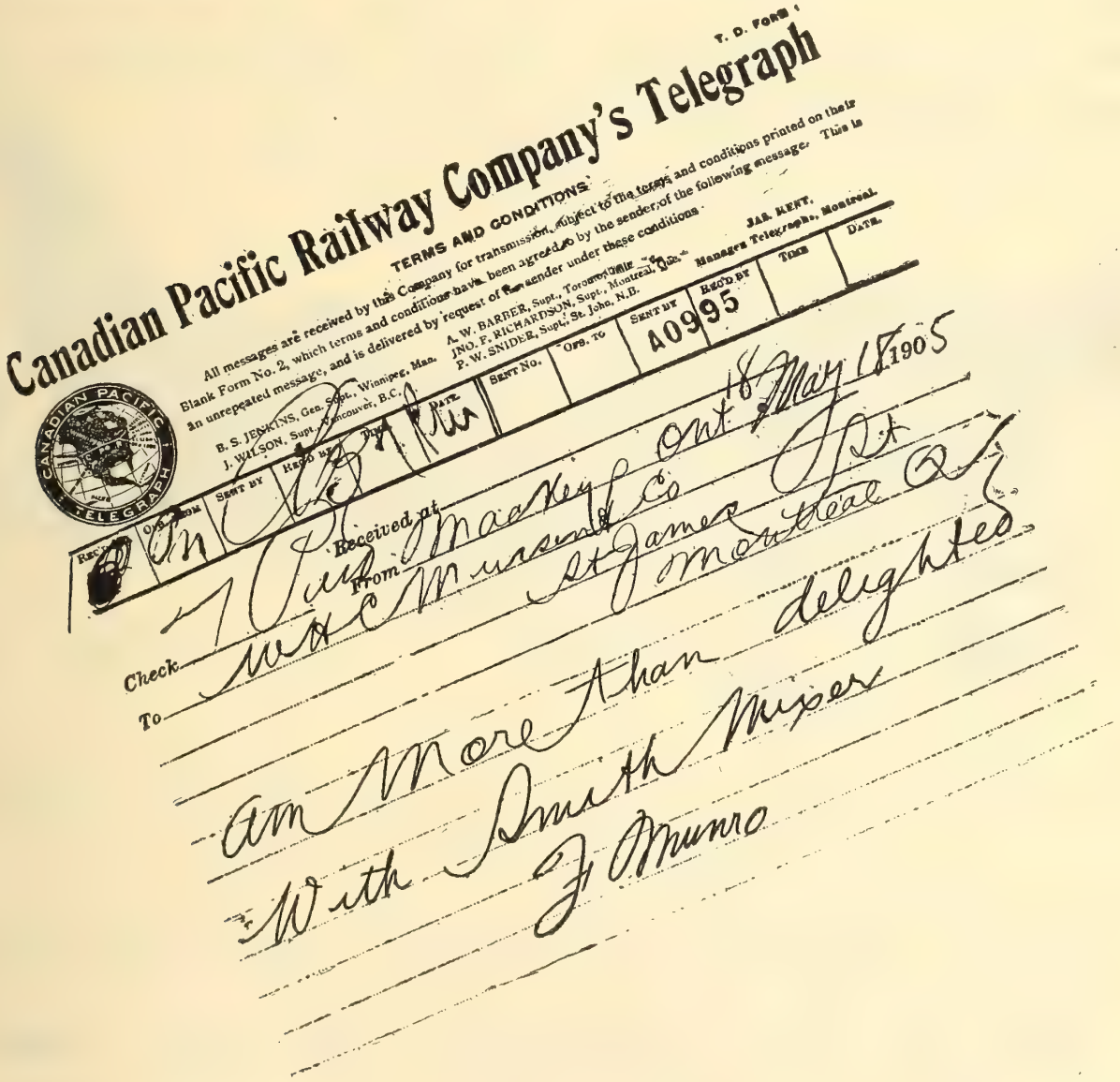

Mr. F. Munro is one of the leading Contractors on the Canadian Pacific Railway and in expressing his satisfaction he simply added one more endorsation to the statement that hundreds of users of SMITH MIXERS throughout Canada and the United States have made in the past and are making every day.

"THE SMITH CONCRETE MIXER IS THE BEST"

W. H. C. MUSSEN & CO.

MONTREAL

Plans at office of John Wilson, Collingwood.

LONDON, ONT. — The congregation of new St. James Presbyterian church have decided to build a new gallery.—The Southwestern Traction Co. have decided to enlarge their power house.—The Wellington street Methodists have decided to erect a new Sunday School building at cost of $10,000.

INDIAN HEAD, N.W.T.—A by-law to borrow $150,000 for electric lighting, waterworks and sewerage was carried almost unanimously. Contracts will be let at once for the work of bringing the water from the Squirrell Hill and for building a reservoir, dam, and power house. John Galt, Toronto, chief engineer.

MOOSE JAW, N. W. T.—Plans are being prepared for a 2-storey brick block, 50 x 70 feet, for Doctor Bros.—Charles Mills, architect, desires tenders by June 1st for erection of office building for Bank of Hamilton.—The Council will receive tenders up to June 12th for sewer and water connections.—An extension of the electric light system is under consideration.

FORT WILLIAM, ONT.—The contract for the Ogilvie mill will likely be awarded this week.—J. C. Stinson, architect, desires tenders by June 3rd for erection of brick veneered dwelling for C. J. Walsh. — The Kakabeka Falls Power Co. will proceed immediately with construction work. H. S. Holt and C. R. Hosmer, of Montreal, are interested, and R. S. Kelsch, of same city, has been appointed chief engineer.

EDMONTON, N. W. T.—Tenders will shortly be invited for new Canadian Northern Railway station.—Mr. Semerad, proprietor of St. Elmo Hotel, purposes building a 3-storey brick hotel.—Calhoun & Ferguson purpose building a large hotel on First street.—Plans have been received here of the proposed route for the C.P.R. extension of the C. & E. line across the river into the city. It is expected that a high level bridge about 1,500 feet in length will be constructed.

PORT ARTHUR, ONT.—The new Canadian Northern Railway station will be of brick and stone, 132 x 34 feet, steam heated, electric lighted, cost upwards of $30,000.—The congregation of St. Andrews R. C. church have decided to build a new edifice, of stone, work to be commenced next spring.—The town will build another dam on Current river, Engineer McDougall having reported that such a dam would give the town over double the storage capacity now obtained. The electric plant will also be increased.

HAMILTON, ONT.—Fuller Clafin, architect, New York, will award contracts this week for additions and improvements to the Grand Opera House. —The following building permits were granted last week: Union Drawn Steel Co., addition to factory, cost $3,000; R. & J. Poag, two brick dwellings, Wentworth street, cost $3,400; M. McCallum, brick dwelling, North street, cost $2,200; Dr. Hess, residence, corner East ave. and Barton street, cost $3,500; John Demara, three brick houses on Sherman ave., cost $2,500.

VANCOUVER, B.C.—W. H. Archer, architect, is this week taking tenders on a frame residence for A. G. McKenney, also for new St. Paul's church.—The British Columbia Telephone Co. have purchased property on Seymour street, between Dunsmuir and Pender streets,

THE GOOD ROADS MACHINERY COMPANY, LIMITED, Hamilton, Canada

Our No. 4 "CHAMPION" Mounted Rock Crusher with Elevator and Chute Screen

The Very Latest "UP-TO-DATE" Portable Mounted Outfit Manufactured

Patented March 22nd, 1900.
Patented June 7th, 1904.

The Steel "CHAMPION" Rock Crusher is the result of years of practical experience in crushing Rock from the limestone Ridges to the very hardest Syenite Rock. For crushing hard Boulders they have been proved to be superior to all competitors.

All mechanics agree that the simpler the machine the more valuable it is. In complicated machines look out for trouble and expense.

☞ *Send for latest printed matter and our 1905 Calendar to*

Good Roads Machinery Company, Limited, JOHN CHALLEN, President and General Manager.

Address—Late Killey Beckett Works, 144 York Street, HAMILTON, ONT.

L. H. GAUDRY & CO.

DIRECT IMPORTERS AND AGENTS

BEST SCOTCH

ALL WEIGHTS AND TESTS TO SUIT REQUIREMENTS.

Superior Quality Large Stock Prompt Shipments

OFFICES: HOCHELAGA BANK BUILDINGS QUEBEC, CANADA

DERRICKS

We manufacture every class of Hoisting Derricks both for Hand or Power. Write for our price list of Standard Builders' and Contractors' Derricks, 1500 pounds to 7 tons capacity.

MILLER BROS. & TOMS
MONTREAL

and will erect a 3 storey and basement Central exchange.—It is probable that an appropriation will be made by the City Council for the partial construction at least of an addition to the waterworks reservoir during the present summer. —Plans have been received of the proposed works to be constructed by the Stave Lake Power Co. William Kennedy, C.E., Montreal, will design the hydraulic work and R. S. Kelsch, C.E., Montreal, the electric plant.

WINNIPEG, MAN.—Building permits to the value of $3,843,625 were issued up to May 20th of this year.—F. A. Palmer is this week taking tenders on a pair of houses on Furby street.—John Leslie will let the contract this week for a 6-storey and basement building in rear of his large Main street store.—C. J. Brown, City Clerk, desires tenders by Tuesday, June 6th, for the supply of 1,500 cords of cedar blocks.—Bulman Bros. are having plans prepared for a 7-storey building to be erected on corner of Albert street and Bannatyne ave., to cost about $80,000. The basement and first two stories will be built this season.—J. H. Cadman, architect, is taking tenders on a brick and stone hotel, corner Main and Sutherland Ave., for J. H. Kern.—The executors of the A. McIntyre Estate have practically decided to add four stories to the McIntyre block on Main street, to be constructed of grey stone. Plans will be prepared immediately.—J. D. McIntyre, 602 McIntyre Block, is taking tenders on six residences in Norwood.—The Sons of England will erect a hall on Rupert street. —D. S. Curry, City Comptroller, desires bids by Friday, June 16th, for purchase of $1,209,875.42 4 per cent. debentures. —The School Board are offering for sale $100,000 of 4 per cent. debentures. Bids received up to June 27th.—J. H. G. Russell, architect, is taking tenders on a stone, brick and frame residence on Wellington crescent for W. B. Sterling. —The congregation of Point Douglas Presbyterian church have instructed James McDiarmid, architect, to prepare plans and call for tenders for new edifice, stone foundation, brick walls, cost about $18,000.—Darling, Pearson & Over desire tenders by June 8th for erection of building at Indian Head for the Union Bank.

MONTREAL, QUE.—L. O. David, City Clerk, desires tenders by noon of June 1st for erection of new fire station, corner of Boyer and Beaubien streets. Plans at office of Joseph Sawyer, architect.—Hon. Mr. Prefontaine, Minister of Marine, has announced that the Government will shortly establish a dry dock in the Montreal district.—J. J. Browne & Son, architects, have prepared plans for a $50,000 music hall to be built upon the Roberts property on Stanley street by Frank H. Norman.—Ernest Marceau, Superintending Engineer of Quebec Canals, desires tenders by June 6 for supply of cement, timber, cast and wrought iron, hardware, tools, etc., required during the year.—O. Dallaire has made the announcement that the Quebec Government intend to establish an agricultural college in the near future, at a cost of nearly $1,000,000. — The City Clerk will receive tenders up to June 18th for construction of sewers on Davidson street, from Forsythe to Hochelaga street, and on Resther street, from Bienville to Gifford street.—It is understood that the St. Catherine street property bought recently by Hon. George A Cox will be built upon for the up-town offices of the Canadian Bank of Commerce, Canada Life Insurance Co. and National Trust Co. — The following building permits have been granted: Mrs. A. Gibaulk, two wood and brick

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dwellings, Desery street, cost $8,200 ; Alexandra Hospital, brick and stone dwelling, Charron street, cost $185,000 ; Jno. Johnston, two wood and brick dwellings, St. Hy. Jolite, cost $11,000 ; Mrs. McEvoy, two brick and stone dwellings, Hotel De Ville, cost $6,000 ; A. Groll, two wood and brick dwellings, St. Catherine street, cost $6,000 ; L. Damase, two brick and stone dwellings, St. Hubert street, cost $4,000 ; Theo. Lissord, four brick and stone dwellings, St. Andre street, cost $14,000 ; Protestant Bd. of School Com , brick and stone school, St. Denis street, cost $42,000 ; J. Riepert, 13 brick and stone dwellings, Hope ave., cost $30,000 ; Chas. Brenater, improvements to six dwellings on Edward street, cost $8,000 ; Miss Booth, improvements to two dwellings on University street, cost $7,000.

TORONTO, ONT.—W. G. Burns, architect, 361 Dundas street, is taking tenders for erection of new Sunday school building for Wesley church, corner Dundas street and Ossington ave.—The Department of Public Works of Ontario are asking for tenders up to June 9th for erection of two cottages, including heating, plumbing and electric wiring, in connection with Hospital for Epileptics near city of Woodstock. Plans at above Department.—Bayliss & Son, 265 Gladstone ave., desire tenders by five o'clock to-day (Wednesday) for all trades except mason work for erection of brick residence on Gladstone ave.—Bulk or separate tenders are wanted at 1 Kippendavie ave. for erection of brick dwelling.—It is reported to be the intention of the owners of the Princess Theatre to remodel and enlarge the present structure or erect an entirely new building on the site.—The Diamond-Baker Lumber Co., of London, Ont., have purchased a large tract of ground fronting on Perth Ave., in this city, on which they propose erecting a planing mill and box factory.—The Salvation Army want tenders for a pair of frame houses in Davisville. Plans at architect's office, Salvation Army Temple.—The Board of Control are asking for tenders up to Tuesday, June 6th, for a slate roof for the Western City Stables, 1116 King street west, also for the construction of asphalt, brick, macadam, cedar block, vitrified brick and concrete pavements sewers and concrete sidewalks. — The Dominion Government will expropriate a considerable proportion of the property on Front street, between Bay and Yonge street, for the proposed new post office.—The Minerva Manufacturing Co. have purchased the south-west corner of Markham and College streets and will build a factory thereon.—The City Engineer will this week again recommend to the Board of Works that the installation of a system of septic tanks and bacteria beds at foot of Woodbine ave. be proceeded with, at an estimated cost of $80,000. — Building permits have been granted as follows : Herbert Tweedie, pair two-storey and attic roughcast dwellings, concrete foundations, brick veneered fronts, 12 and 14 Parkview ave., cost $3,000; Walter Benson, pair 2½-storey brick and stone dwellings, east side Crawford street, near Arthur, cost $6,000; Toronto Railway Co , one-storey brick building, cement foundation, High Park ave., near Dundas street, cost $22,000; Rev. A. Sims, 2½-storey brick residence, south side Simpson ave , near Broadview, cost $2,900; Joseph Vitale, three two-storey and attic brick and stone dwellings, south side Elm street, near Price's Lane, cost $7,000; Kidney & McKelvey, pair two-storey and attic brick and stone dwellings, east side Deleware ave., near Hepbourne street, cost $4,800; Toronto Gas & Gasoline Engine Co., Ltd., one-storey concrete machine shop, east side Dufferin street, near G. T. R. tracks, cost $17,000; Wm. Davis & Co., two-storey brick dwelling and hose house, corner Front and Vine streets, cost $3,000; Thomas Berrie, two-storey brick and stone store and dwelling, 349 Broadview ave., cost $3,600; T. Crow, three-storey stone and brick carriage factory and blacksmith shop, south-east corner Isabella and Yonge streets, cost $15,000; Wm. P. Playter, two-storey brick dwelling, west side Huntley street, near Bloor, cost $3,300; John W. Cowan, four-storey warehouse, west side Mincing Lane, near Wellington street, cost $30,000.

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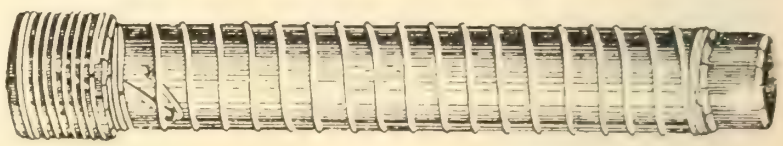

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STRATHCONA, N.W.T.—New school building: Pheasey & Batson, contractors.

WALLACEBURG, ONT. — Separate school: Blonde Bros., Chatham, contractors.

CHATSWORTH, ONT.—Cement sidewalks: Frost & Nichol, Owen Sound, contractor.

REVELSTOKE, B.C. — C.P.R. station: Smith & Sherburne, contractors, about $25,000.

ORILLIA, ONT.—Heating apparatus for Methodist parsonage: H. T. Andrews, contractor.

WROXETER, ONT.—Brick and carpenter work of public school: S. Bennett, Wingham, contractor.

PORT ARTHUR, ONT. — Dredging the harbor here and at Fort William: A. F. Bowman, contractor.

VICTORIA, B.C. — Five-storey brick building for Melrose Co.: H. T. Knott, contractor, about $10,500.

DALHOUSIE, N.B. — Residence for Andrew Barberie: Restigouche Woodworking Co., contractors.

FERNIE, B.C.—Building for Crows Nest Trading Co.: Broley Bros., contractors, cost about $16,000.

MIDLAND, ONT.—Grain elevator for Grand Trunk Railway: E. R. Baker Co., Chicago, successful tenderers.

RAINY RIVER, ONT. — Public school: C. H. Wheeler, architect; S. B. Ritchie, contractor, cost $22,000.

MOOSOMIN, N.W.T.—Hospital building: F. R. Evans, Winnipeg, architect; A. McDougall, Virden, contractor.

NIAGARA FALLS CENTRE, ONT. —Union Sunday school building: J. L. Nichols, architect; J. V. Eitle, contractor.

CARP, ONT.—Heating public school building and Episcopal church rectory: James Smart Co., Brockville, successful tenderer.

LISTOWELL, ONT.—Brick hotel for Mannell Estate: Cement and brick work, George Fritz; carpentry, Bamford Bros., cost $3,300.

PICTON, ONT.—Supply of 400 to 600 barrels of cement: Canadian Portland Cement Co., Montreal, successful tenderers, $2.20 per barrel less 40 cents for sacks returned.

MEAFORD, ONT. — Construction of granolithic sidewalks: Forest City Paving Co., London, successful tenderers, 11½ cents per sq. ft.

ST. JOHN, N.B.—Residence on Queens square for Dr. W. P. Bonnell: Architect, H. H. Mott; masonry, J. Clark; carpentry, M. Belyea; galvanized iron work, James McDade; painting, R. Barbour; plumbing, F. S. Walker.

VANCOUVER, B.C.—Theatre for L. G. Wing at corner of Hastings and Abbott streets: James F. McDonald, contractor, cost about $90,000.—Warehouse on Water street for Robert Kelly and Frank Burnett: J. McLuckie, contractor, about $35,000.

WINNIPEG, MAN. — Warehouse for the Moline Plow Co., corner Logan and Nena streets: Dey-Manson Building &

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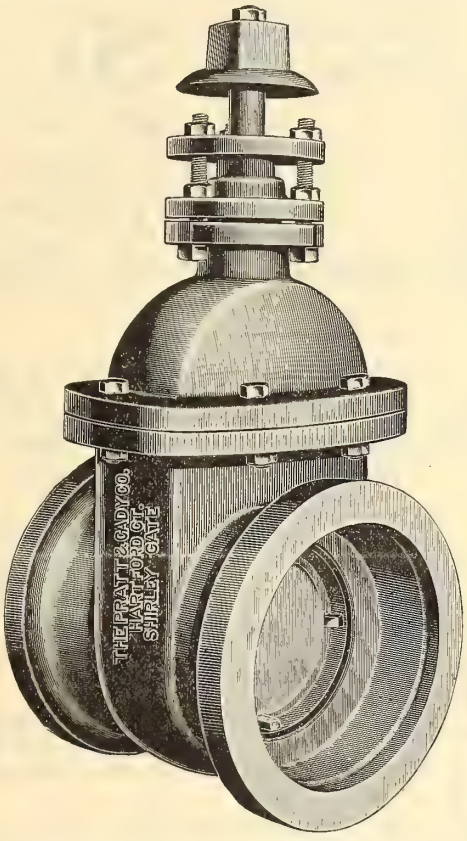

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"EXTRACT"

RESULTS OF CANADIAN AND UNITED STATES CEMENT TESTS JULY 1ST, 1902, TO JULY 1ST, 1903, AT THE LABORATORY OF THE CITY ENGINEER OF THE CITY OF TORONTO.

C. H. RUST, City Engineer. W. A. CLEMENT, Asst. Engineer.

Brand.	Soundness. Faiji Test.	Specific Gravity.	Residue in per cent on No. 100 Sieve	Setting in Minutes.		Tensile Strengths in Pounds per Square Inch.										Where Made.
						Neat.					3 (Sand) to 1 (Cement).					
				Initial.	Final.	1 dy.	7 dys.	28 dys.	3 mos	1 yr	1 dy.	7 dys.	28 dys.	3 mos.	1 yr.	
Alpha	O. K.	3.177	9.3	222	399	292	752	811	868	841	57	197	271	317	327	United States.
Atlas	O. K	3.100	9.3	152	387	385	579	622	710	712	61	186	246	305	339	" "
Hercules	41% failed	3.159	7.1	120	240	292	696	836	777	711	51	174	222	242	231	Canada.
Imperial	O. K.	3.213	6.2	40	75	250	352	400	484	485	61	128	176	254	321	"
Lehigh	O. K.	3.183	9.1	166	356	348	746	849	897	880	73	201	273	334	361	United States.
Monarch	4% failed	3.154	7.5	176	355	366	653	701	731	701	66	173	242	303	355	Canada.
NATIONAL	O. K.	**3.135**	**2.1**	**162**	**345**	**307**	**701**	**783**	**827**	**804**	**74**	**214**	**299**	**367**	**368**	"
Rathbun's Star	O. K.	3.140	5.0	123	305	359	581	640	677	676	75	193	255	313	349	"
Samson	7% failed	3.118	6.3	107	252	257	462	525	583	612	67	163	231	284	338	"

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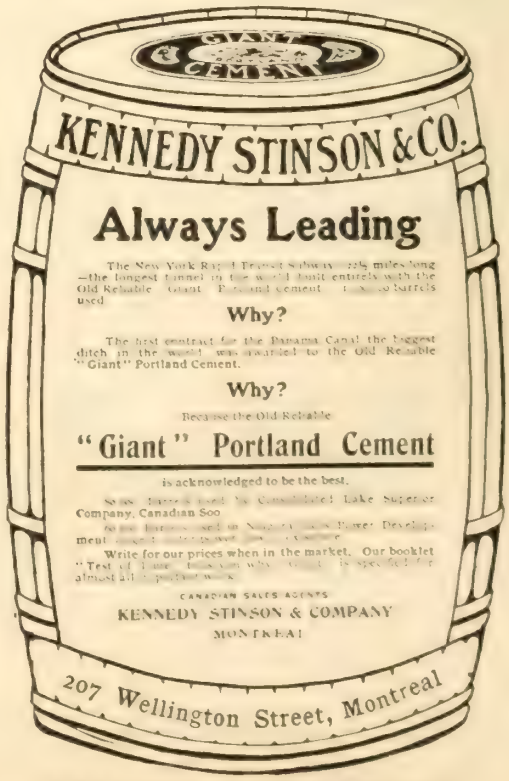

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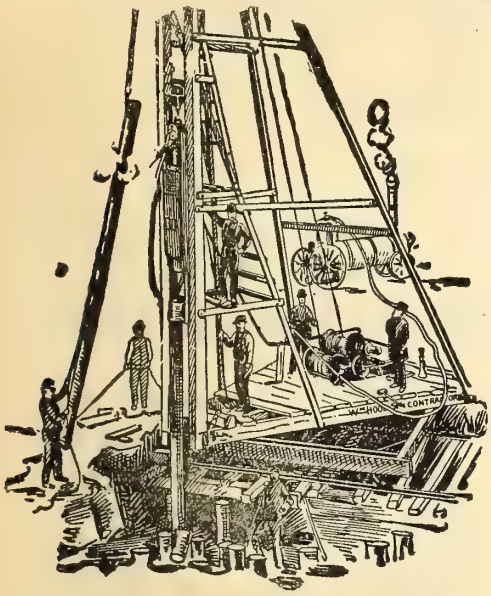

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PETERBORO, ONT. — Construction of outfall sewer and septic tank: James Bogue, successful tenderer, outfall and pipe, $6,210; tank, $3,200. Other tenderers: T. E. Wade, Peterborough, outfall and pipe, $9,993.56; tank, $5,000; Wm. Newman, Windsor, outfall and sewer, $9,986; tank, $2,990; John F. Connolly, Toronto, outfall and pipe, $7,628; Murphy & Lowry, Ottawa, outfall and pipe, $6,534; tank, $2,900.

NEW COMPANIES.

British Columbia Construction & Distributing Company, Limited, Victoria, B. C., incorporated, capital $25,000.

Allright Extension Ladder Company, Limited, Victoria, B. C., incorporated, capital $20,000.

Mogul Logging Company, Vancouver, B. C., incorporated, capital $3,000; head office, Whatcom, Wash.

J. W. Harris Company, Limited, Montreal, incorporated, capital $150,000, to carry on business as general contractors. J. W. Harris, W. B. Powell, F. D. Monk, and others.

Paul Automatic Gas Company, Limited, Montreal, incorporated, capital $145,000, to manufacture gas machines. Francis Paul, sr., O. Dupois, and others.

Union Screen Plate Company of Canada, Limited, Lennoxville, Que., incorporated, capital $20,000, to manufacture machinery and supplies for pulp and paper mills. E. Crocker, of Fitchburgh, Mass., Frank Gadatte, of Lennoxville, and others.

Pease-Waldon Company, Limited, Winnipeg, Man., steam-fitters' supplies, heating apparatus, etc. J. T. Sheridan, W. G. Jones, Toronto, and others.

Haverhill Eclipse Fire Extinguisher Company, Limited, Winnipeg, incorporated, capital $5,000. J. A. Miller, C. M. Abbot, H. F. Blake, and others.

Dow-Wadge Implement Company, Limited, Winnipeg, incorporated, capital $100,000, to manufacture machinery, implements, etc. Daniel Dow, of Grand Forks, Thomas Wadge, of Winnipeg, and others.

The Duncan Electrical Company, Limited, Montreal, incorporated, capital $90,000, to manufacture electrical apparatus and supplies, etc. Charles Duncan, Frederick Loomis, M. L. Williams, and others.

Canadian White Company, Limited, Montreal, incorporated, capital $1,000,000, to carry on business as electrical and mechanical engineers and to construct works for the generation of electricity, etc. W. G. Ross, R. C. Smith, R. C. Grant, and others.

Selby & Youlden, Limited, Kingston, Ont., incorporated, capital $50,000, to manufacture engines, boilers, etc. Directors, Charles Selby, Henry Youlden, and others.

Pease Heating Company, Limited, Toronto, incorporated, capital $40,000. Directors, David Millar, A. M. Bond, R. McKinnon, and others.

Canadian Shovel & Tool Company, Hamilton, incorporated, capital $150,000. Directors, J. C. McCarty, C. H. Holten, and others.

Canadian Fence Manufacturing Company, Limited, Woodstock, Ont., incorporated, capital $250,000. Directors, C. A. Brink, J. B. Murray, and others.

Northern Varnish Company, Limited, Owen Sound, Ont., incorporated, capital $40,000. Directors, J. S. Parmenter, Angus McDonald and W. J. Camsell.

McLean Feed Water Heater Company, Limited, incorporated at Victoria, B. C., capital $35,000, to manufacture feed water heaters and purifiers, etc.

Colonial Construction Company, Limited, Montreal, incorporated, capital $200,000, to construct public works of all kinds, generate electricity, etc. Promoters, J. J. Meagher, F. Robertson, J. C. McDiarmid, and John T. Mitchell, of Montreal, and F. S. Maclennan, of Westmount.

NOTES.

The Weyburn Cement Brick & Block Co., Weyburn, N.W.T., has been incorporated.

Fred Gray and William Thompson have formed a partnership for the manufacture of cement brick at Orillia, Ont., and have installed the latest machinery.

Mr. Ira G. Hedrick, of Waddell & Hedrick, consulting engineers, Kansas City, Mo., has been conferred with the degree of Doctor of Science by McGill University, Montreal.

The Governors of McGill University, Montreal, have granted the degree of Doctor of Laws to Mr. Thomas C. Keefer, the distinguished civil engineer of Ottawa. Mr. Keefer is the oldest engineer in Canada and was the first professor of engineering in McGill University.

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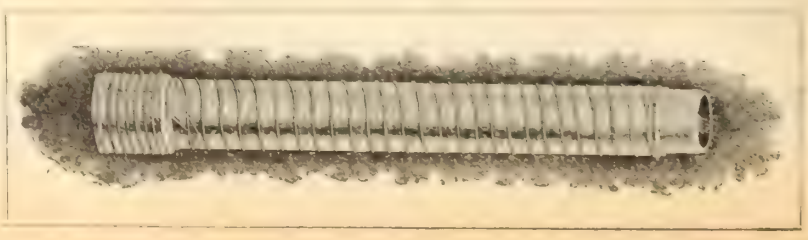

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Porous Terra Cotta Fireproofing of all Descriptions.....
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Common Stock Red and Grey Bricks.....
Sewer Bricks.....
Stone or Macadamized Roadways.....

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	F.O.B. Milton, Ont.
Red No. 1	13 00
" 2	15 50
" 3	9 00
Buff No. 1	15 00
" 2	13 00
Brown	25 00
Roman Red	30 00
" Buff	35 00
" Brown	40 00
Hard Building	8 00
" Sewer	7 0
" Backing	6 00

Moulded and Ornamental from $2.00 to $5.00 per 100.
Terra Cotta String Courses and Frieze, from 50c. to $2.00 per ft. run.
Roofing Tiles, $20.00 per 1,000.

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	F.O.B. Beamsville.	F.O.B. Montreal.
Red Peerless Facing	$16 00	$21 50
" No. 1	14 00	19 50
" No. 2	12 00	17 50
" No. 3	10 50	15 00
Brown Peerless Facing	20 00	25 50
" No. 1	18 00	23 50
Buff Peerless	20 00	25 50
" No. 1	18 00	23 50
" No. 2	15 00	20 50
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" Buff " "	30 00	35 50
" Brown " "	34 00	39 50
Vitrified Paving Brick No. 1	18 00	23 50
" " " No. 2	15 00	20 50
Sewer	8 00	13 50
Roofing Tile	22 00	20 00

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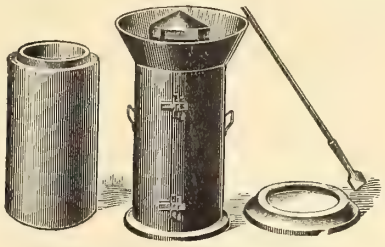
Magnet	1 55	1 65		
Monarch	1 80	1 90	1 90	2 00
Hercules	1 75	1 75		
Imperial		1 80		
Crescent 375 lbs. gross	2 30	2 40	1 95	2 05
Diamond 350 " "	2 20	2 30	1 85	1 95
"Giant" Brantford	1 70	2 00		
American (in Bags)				
"Helderberg"			1 90	2 00
Alsen				2 25
Lehigh, in bbls., 375 lbs.		2 35	2 10	2 20
" cotton sacks, 350 net		2 00		2 00
" paper bags		2 10		1 85
"Iron Clad" in bags 350 lbs.			1 80	1 90
"Invicta" " " "			1 65	1 70
"Adirondack" " " "			1 50	1 65
Old Reliable "Giant" (350 lbs. net per bbl.)	1 75	1 85	1 80	2 00
"Improved Union"	1 65	1 75	1 70	1 90
"Union"	1 50	1 60	1 50	1 70
Vulcanite (The Toronto Pottery Co., Limited. Toronto) 350 lbs. per bbl. (bags included).				
In paper bags		2 20		
" wooden bbls.		2 40		
" cotton bags		2 50		
English (in Barrels):				
Brook's Shoobridge Anchor	2 35	2 40	2 00	2 10
Whites	2 35	2 40	2 05	2 15
Belgian (in Barrels):				
"Josson"	2 60	2 70	2 20	2 30
Hammer			1 80	1 90
White Star	2 15	2 25	1 90	2 00
German (in Barrels):				
Offenbacher				2 35
Alsen	2 65	2 95		2 40
Dyckerhoff	2 65	2 75		2 40
Hercules	2 25	2 35		2 10



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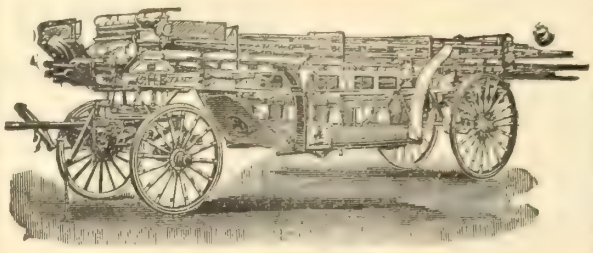

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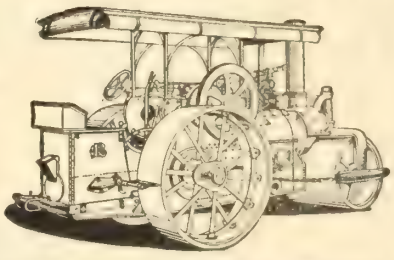

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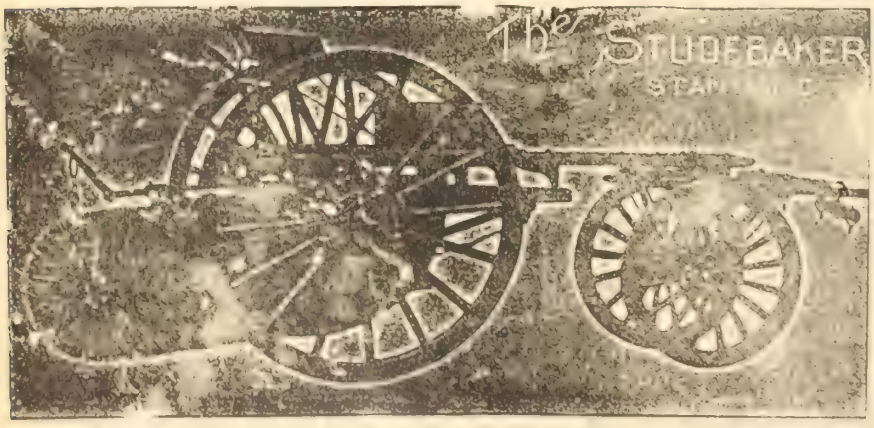

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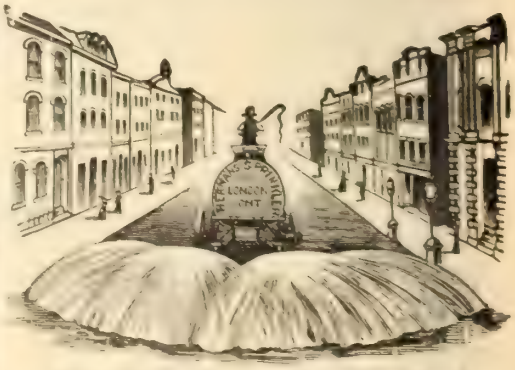

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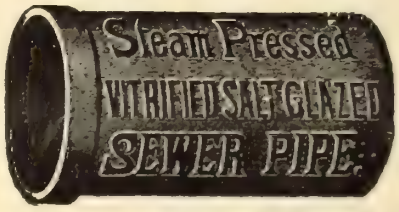

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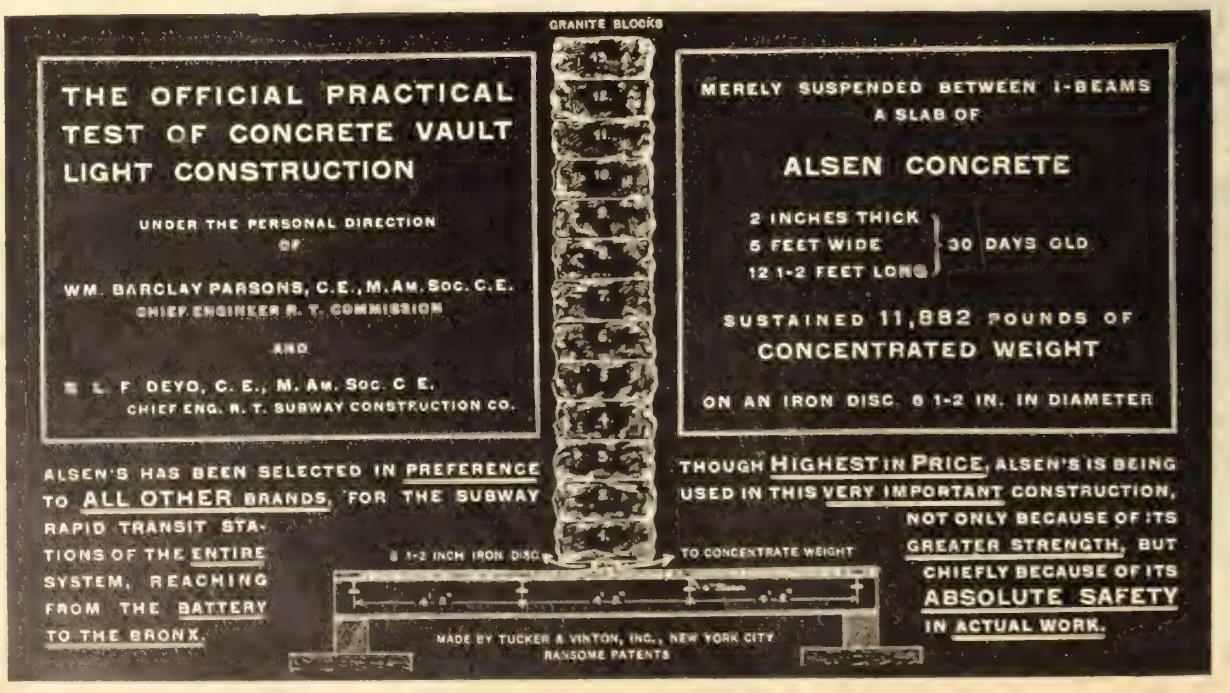

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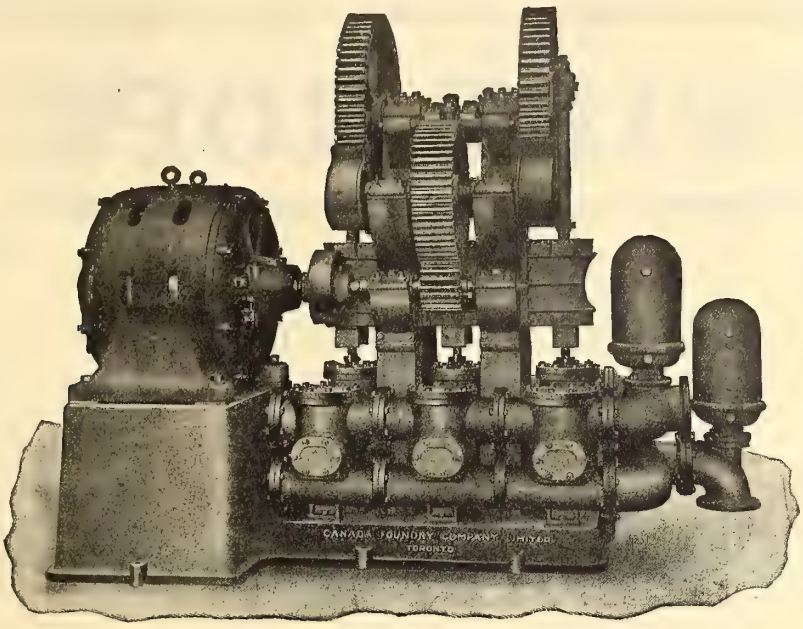

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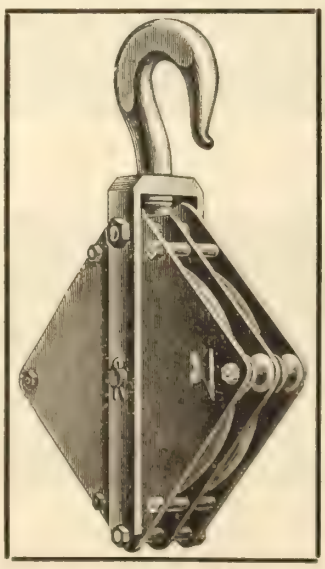

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A Weekly Journal of Public Works, Tenders, Advance Information and Municipal Progress

This Paper Reaches Every Week the Town and City Clerks, Town and City Engineers, County Clerks and County Engineers, Purchasers of Municipal Debentures and Leading Contractors in All Lines Throughout Canada

VOL. 16. TORONTO, MONTREAL — JUNE 7, 1905 — WINNIPEG, VANCOUVER. No. 15

THE CANADIAN CONTRACT RECORD
PUBLISHED EVERY WEDNESDAY

As an Intermediate Edition of the Canadian Architect and Builder.

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TOWN OF MEDICINE HAT

TENDERS WANTED

The Town of Medicine Hat has the following four lots of Municipal De entures for sale, for which tenders will be received up to 9 o'clock on the 19TH DAY OF JUNE, 1905:

$12 000.00 Natural Gas,
$10,000.00 Water works,
$30 000.00 Municipal Building,
$2,600,00 for the purchase of the New Edinburg Natural Gas well, Gas and Water plant.

These four lots of Debentures all date from the 1st of August, 1905, bear interest at 5% and are repayable in 20 equal annual instalments of principal and interest. For particulars address the undersigned. The highest or any tender not necessarily accepted.

W. N. ADSIT, Secretary-Treasurer,
Town of Medicine Hat

Tender for Bridge

Sealed tenders addressed to Wm. Pedwell, Reeve of Sarawak, will be received up to 6 p. m., 23RD DAY OF JUNE, for the construction of the following :—

1st. The construction of a steel bridge, span 80 feet c. to c., width of roadway 16 feet, live load 80 lbs. per sq. ft. and moving load 6 tons on 6 foot axles, cedar floor and steel joists.
2nd. The construction of 2 concrete abutments containing 220 c. yds., removal of old bridge, and filling behind abutments.
3rd. The construction of a concrete arch.
Site, Bay View near Owen Sound.

An accepted Bank Cheque payable to Treasurer Tp. of Sarawak to the amount of 5%, must accompany each tender, the same to be forfeited if the tenderer decline the contract, or fail in the performance thereof, and will be returned in case of non-acceptance.

The lowest or any tender not necessarily accepted.

Plans and specifications may be seen at Reeve's or Engineer's office.

WM. PEDWELL, ESQ., Reeve,
Brookholm P. O.
R. McDOWALL, C. E., Tp. Engineer,
Owen Sound.

Brookholm, 30th May, 1905.

TENDERS FOR WATER TOWER

Tenders will be received by the undersigned till JUNE 26TH, 1905, for the erection of a tower 40 feet high supporting a steel storage tank with pipes, valves, etc , complete and erected ready for connecting with the Town Waterworks. Contractors will please submit plans and specifications and state prices for tank of 50,00 gallons, also for one of 80,000 gallons

J. G. CLARKE,
Chairman of Town Waterworks Committee.

Meaford, June 2nd, 1905.

TENDERS

FOR

SUPPLY OF WATER PIPE AND SPECIALS

Sealed tenders, addressed to the Chairman of the Fire, Water and Light Committee, for the supply of Water Pipe and Specials of various sizes for High Pressure Fire Service, will be received at the office of the undersigned up to 3.30 p. m. on MONDAY, JUNE 19th, 1905.

Specifications and forms of tender may be obtained at the office of H N. Ruttan, City Engineer, Winnipeg, Canada.

Each tender must be accompanied by an a cepted cheque, draft or cash deposit for the sum called for in the form of tender supplied, which will be subject to forfeiture in case of failure on the part of the successful tenderer to enter into a written contract with approved sureties if called upon to do so.

The City reserves the right to reject any or all tenders or to accept any bid which appears advantageous to the City of Winnipeg.

C. J. BROWN, City Clerk.

City Clerk's Office,
Winnipeg, Canada, May 15th, 1905.

BRICK PAVEMENT

Niagara Falls, Canada

Sealed proposals will be received by the Council of the City of Niagara Falls, Canada, until 8 o'clock p.m. the 17TH DAY OF JUNE, 1905, for the construction of Section No. 2 of the Niagara Falls Paving System.

The works to be built under this section are approximately 5,900 square yards of brick pavement on concrete foundation, with re-setting of curbs in concrete, and including all appurtenances.

Proposals are to be made on proposal sheets supplied, and shall be accompanied by a certified cheque on a chartered bank of Canada for $1,500.00, made payable to the Treasurer of the City of Niagara Falls, said cheque to be returned to the person making the proposal unless he fail to execute the contract according to the specifications should it be awarded to him.

Proposals shall be enclosed in sealed envelopes addressed "The City of Niagara, Canada, John Robinson, Clerk," and endorsed "Proposal for Section No. 2, Niagara Falls Paving System."

Plans and specifications may be seen and form of proposal may be obtained at the office of the Engineer, Niagara Falls, on and after Wednesday, the 7th of June, 1905.

The right to reject any or all proposals is reserved to the Corporation.

WM. PHEMISTER, Mayor.
JOHN H. JACKSON, Engineer.
Niagara Falls, Canada, June 1st, 1905.

ASPHALT BLOCK AND BRICK PAVEMENTS

Tenders will be received by the undersigned up to the hour of 4 o'clock p. m., on FRIDAY, THE 16TH DAY OF JUNE, 1905, for a Vitrified Brick Pavement on a concrete bed with combined concrete curb and gutter, on Head Street, from Victoria Avenue westerly to the city limits (about 7200 yards); for an Asphalt Block Pavement on a concrete bed, on the Market Square between King and Wellington Streets (about 5000 yards), all in the city of Chatham, according to plans and specifications to be seen in the City Engineer's office in said city.

Tenders must be accompanied by a marked check for 10 per cent. of the amount tendered.

The lowest or any tender not necessarily accepted.

W. G. MERRITT,
City Clerk.

Dated June 3rd, 1905.

Tenders for Long Branch Rifle Range

Sealed tenders, marked on the envelope "Tender for retaining wall, Long Branch Rifle Range, Toronto," and addressed to the Secretary of the Militia Council, Headquarters, Ottawa, will be received until NOON, THE 20TH JUNE, proximo, for the construction of a concrete retaining wall at Long Branch Rifle Range, Toronto.

Plans and specifications may be seen at the offices of the Officer Commanding Western Ontario, Toronto, and Director of Engineer Services, Militia Headquarters, Ottawa.

Tenders must be made on a form supplied by the Department, and accompanied by an accepted cheque on a Canadian chartered bank for 10% of the amount of the tender, payable to the order of the Honourable the Minister of Militia and Defence.

The Department does not bind itself to accept the lowest or any tender.

E. F. JARVIS,
Secretary,
Militia Council.

Department of Militia and Defence,
Ottawa, May 31, 1905.

Tenders for Erection of Reservoir

Sealed tenders, addressed to the Chairman of the Fire, Water and Light Committee, for the construction of a covered concrete reservoir to hold 6,000,000 imperial gallons, will be received at the office of the undersigned up to 3.30 p.m. on MONDAY, JULY 3, 1905.

Plans may be seen at the office of H. N. Ruttan, city engineer, Winnipeg, Canada, from whom specifications and forms of tender may be obtained.

Each tender must be accompanied by an accepted cheque, draft or cash deposit for the sum called for in the form of tender supplied, which will be subject to forfeiture in case of failure on the part of the contractor to enter into a written contract with approved sureties if called upon to do so.

The city reserves the right to reject any or all tenders or to accept any bid which appears advantageous to the city of Winnipeg.

C. J. BROWN,
City Clerk.

City Clerk's Office,
Winnipeg, May 27, 1905.

[FOR ADDITIONAL ADVERTISEMENTS FOR TENDERS SEE NEXT PAGE.]

TENDERS

Will be received up to noon of [illegible] for the erection at Milton of a brick building to use as a power house by either of the undersigned upon [illegible] and applications to whom plans and specifications may be seen. The lowest or any tender not necessarily accepted.

J. W. BREWS, Chairman, Elec. Light Com., Milton, Ont.

K. L. AITKEN, C.E., 164 Bay St., Toronto.

CONTRACTS OPEN.

WELLINGTON, ONT.—John Morgan, of Colborne, intends building a residence here.

VICTORIA HARBOR, ONT.—The Presbyterians intend building a church this summer.

NAPANEE, ONT. — A by-law to grant $30,000 for an electric light plant will be voted on July 7th.

HULL, QUE.—The Minister of Customs has been petitioned to establish a customs house here.

HARROW, ONT.—Dr. W. A. Sparling wants tenders up to 15th inst. for erection of residence.

BLACKFALDS, N.W.T. — James McNichol wants tenders by June 10th for erection of flour mill.

NEWMARKET, ONT.—The Council will issue $5,000 of debentures for permanent street improvements.

LINDSAY, ONT.—Baker & Bryans intend erecting a new building on corner of Lindsay and Queen streets.

EDMUNDSTON, N. B.—Tenders will shortly be invited for construction of the proposed waterworks system.

WETASKIWIN, N. W. T.—S. J. Orr will receive tenders up to June 13th for erection of three-roomed school building.

OAKBANK, MAN. — Tenders for building municipal offices will be received by George Miller, Reeve, up to 15th inst.

GLACE BAY, N.S.—W. I. Tobin desires tenders by 30th inst. for erection of residence. Plans by F. W. Spencer, architect.

GREENWOOD, B. C.—G. B. Taylor, Town Clerk, desires bids by June 24th for purchase of $15,000 6 per cent. debentures.

RENFREW, ONT. — The County Council of Renfrew and Carleton will rebuild the Waba bridge, at a probable cost of $2,000.

St. BONIFACE, MAN.—The by-law to grant exemption from taxation to the Royal Flour Milling Co. will be voted on June 28th.

ARNPRIOR, ONT.—The proposed building to be erected by the Montreal Suspender & Umbrella Co. is estimated to cost $50,000.

MOUNT CARMEL, ONT.—Joseph Glavin, Secretary Separate School Board, wants bids by June 10th for $2,500 5 per cent. debentures.

KINGSTON, ONT. — An architect will be commissioned to report on the cost of remodelling and heating the north end of the city buildings.

MEDICINE HAT, N. W. T.—The plans of W. T. Williams, of this place, have been accepted for a new town hall, estimated to cost $30,000.

CANNINGTON, ONT.—T. W. Nealon, of Philadelphia, has purchased a site near this place for a paper mill for the manufacture of peat-board.

NELSON, B. C.—The shareholders of the McMillan-Robertson Mines have decided to proceed at once with the development of the property.

GANANOQUE, ONT.—The by-law to raise $35,000 to complete the waterworks and sewerage systems will be submitted to the ratepayers July 6th.

KILLARNEY, MAN. — new High school building will be built here, brick, steam heated.

BERLIN, ONT.—Peter E. Shantz, of Preston, has purchased a site on Queen street, this town, and will erect a six-storey building.

THAMESFORD, ONT.—B. D. McCarty will receive tenders up to 26th inst. for erection of concrete arch of 50 foot span in township of East Nissouri.

PORTAGE LA PRAIRIE, MAN.—Plans are being prepared for a brick addition to the present gaol and reformatory building to cost about $20,000.

CARLYLE, N.W.T.—H. H. Rendall, secretary treasurer, will receive tenders up to June 16th for erection of brick veneer school house containing four rooms.

BATTLEFORD, N. W. T.—A by-law to raise $2,000 for purchase of chemical fire engine and erection of fire hall will be submitted to the ratepayers June 28th.

ROBLIN, ONT.—Tenders for erection of a 102 Howe truss bridge over the Assinboine, ten miles from this place, will be received by Reeve Gill up to 20th inst.

PICTOU, N. S.—D. Pottinger, manager Intercolonial Railway, Moncton, N. V., will receive tenders up to 13th inst. for construction of a creosoted pile wharf here.

ANDERDON, ONT.—Tenders for construction of the Sucker creek drain and west portion of Ouellette drain will be received by A. C. Malhioux up to 24th inst.

PRINCE ALBERT, N. W. T.—The Canadian Northern Railway expect to enter this place within three months. A large station and freight sheds will be erected.

SASKATOON, N. W. T.—It is understood that the Government will build a new post office here.—W. P. Bate wants bids by July 3rd on $9,000 6 per cent. debentures.

SOURIS, P. E. I.—The Department of Public Works, Ottawa, requests tenders by June 26 for erection of post office here. Plans at office of J. B. Hegan, Charlottetown.

WAPELLA, N.W.T.—H. C. Dawson, of Dawson & McEwen, intends building a residence this summer.—The Presbyterians are making arrangements to build a manse.

WALKERVILLE, ONT. — Plans have been completed for H. B. White & Co.'s new shop, which will be 30 × 40 feet, three stories, brick, stone foundation, plate glass.

LISTOWEL, ONT.—W. E. Binning, architect, will receive whole or separate tenders up to 15th inst., for erection of library building, of cement concrete blocks, slate roof.

COLLINGWOOD, ONT. — James Shearer intends building a residence, of concrete blocks.—The Imperial Steel & Wire Co. last week decided to double the capacity of their plant

KEEWATIN, ONT.—Work is about to be commenced on the large mill to be erected by the Keewatin Flour Mill Co. In addition to the mill large storage elevators will be erected.

ST. THOMAS, ONT. — The St. Thomas Curling Club have secured an option on property on which to build a curling and skating rink, cement foundations, cost about $8,000.

FLORENCEVILLE, N. B.—Tenders are invited by J. N. Ferry up to June 15th for all trades, including heating and plumbing, for erection of school building. Alternative tenders taken on brick and frame.

CORNWALL CENTRE, ONT.—Bids for construction of River Aux Raisin drain within the township of Cornwall, and separate tenders for bridges, will be received by J. Mullin, Township Clerk, up to 27th inst.

FORT WILLIAM, ONT.—A. McNaughton, Town Clerk, will receive tenders up to June 5th for construction of concrete walks.—John Galt, C.E., of Toronto, will shortly submit his report on extension of water works and sewerage systems.

NIAGARA FALLS, ONT. — The City is calling for tenders on brick pavement. Plans and specifications for permanent walks and sewers are being prepared.—The Cataract Wine & Canning Co. are building a factory to cost $35,000.

FREDERICTON, N. B. — Tenders will be received by the Department of Public Works up to June 19th for rebuilding Brisby Creek bridge at Gladstone, Sunbury; Nevers bridge, Cambridge, Queens and Tedley Creek bridge Brighton, Carleton.

AMHERSTBURG, ONT.—Bids requested by J. H. C. Leggatt, Town Treasurer, by the 12th inst., for purchase of $18,200 5 per cent. debentures.—Mr. Leggatt will also receive tenders up to 12th inst. for construction of 12-inch rock sewer on Apsley street.

PETERBORO, ONT.—Mrs. West has purchased a site on Stewart street on which she will build a residence.—The Board of Education will ask the ratepayers for an additional $50,000 to complete the proposed new Collegiate Institute. The by-law will be voted on June 29.

SARNIA, ONT.—J. D. Stewart, Town Clerk, wants tenders by June 10th for construction of asphalt block pavement on Cromwell, Victoria and George streets.—A by-law to raise $150,000 for erecting a new waterworks pumping station at Point Edward and for providing large force main and filtering basin will be submitted to the ratepayers this week.—J. L. Gardiner will build a residence on Julia street.

LONDON, ONT.—The Department of Public Works, Ottawa, are asking for tenders up to June 20th for erection of military store building. Plans on application to William Joanes, architect.—J. A. Robinson, barrister, of St. Thomas, is interesting New York and local capital in the erection of a large hotel here.—The London Street Railway Co. will build new offices.—W. G. Murray, architect, is taking tenders on new warehouse for the D. H. Howden Hardware Co.

OTTAWA, ONT.—The Ottawa Hotel Co. has been incorporated to build a new hotel on the site of the Grand Union. Promoters, A. F. Maclaren, J. W. Woods, J. K. Paisley, and others.—The Shepard & Morse Lumber Co. desire an extension of water mains on Chaudiere street, at a probable cost of $3,000.—It is reported that the Dominion Government are obtaining options on property on west side of Sussex street, from Rideau to St. Patrick street, with the object of erecting a new departmental building.

QUEBEC, QUE.—It is reported that plans have been prepared for an extensive new building for military store to be built by the Government on a portion of the Allan Line wharf.—Recent building permits included the following: C. A. Parent, building on DesFosses street, cost $6000; J. J. Walkley, building on St. Paul street, cost $15,000; Jesuit Fathers, improvements to building on St. Ursule street, cost $4,000; H. E. Bouchard, building on King street, cost $4,000.

HAMILTON, ONT.—The building which the Orangemen will erect on the corner of James and Mulberry streets

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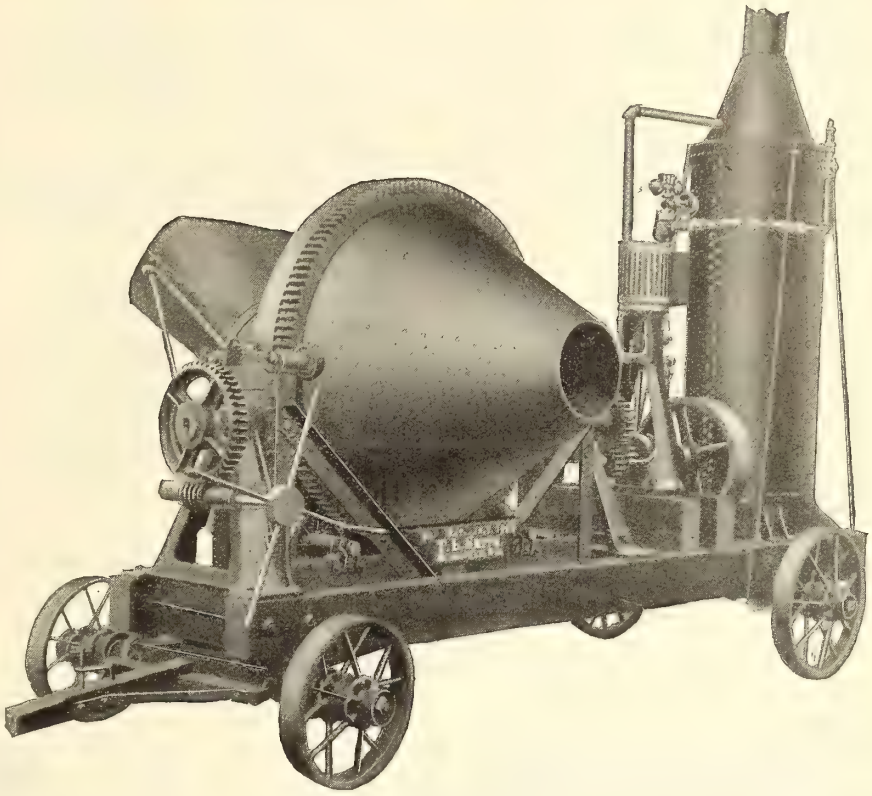

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MONTREAL

will be of brick, three stories, containing large public hall and stores, cost about $10,000.—It is announced that the Canada Steel Goods Co., of Leamington, have decided to locate here.—Amended plans are under consideration for a new wing to the general hospital.—Munro & Mead, architects, are preparing plans for residences for Dr. R. Y. Parry, Barton street; Mrs. Gordon, Burlington, and A. M. Cunningham, Upper James street.

BRANTFORD, ONT.—The Y. W. C. A. advisory board have decided to erect the proposed extension to building, at estimated cost of $5,000.—John McHutcheon will build a new bake shop, at a cost of $3,300.—T. J. Fair & Co. are having plans prepared by G. W. Hall, architect, for a large addition to their factory.—Tenders are desired at office of G. W. Hall, architect, by June 15th, for erection of brick residence for S. McV. Lloyd, of Paris, Ont.

BROCKVILLE, ONT.—G. W. Allan, architect, is preparing plans for a new hotel to be built on the corner of King and John streets for Antoine Wendling, 45x70 feet, 3 storie , brick, with all modern improvements.—Plans for the new Burrell works have been submitted to the head office at Little Falls, N. Y. They call for a one-storey brick building, 45x90 feet, stone basement.

EDMONTON, N.W.T.—F. Fitzgerald and H. Bowen propose to erect a theatre building on corner of Jasper ave. and Third street, plans for which have been prepared by Mr. Deggendorfer, architect; estimated cost, $20,000.—Dr. McKay and J. K. Powell will each build large store block on Jasper street, and the Edmonton Tent & Mattress Co. will build a brick block on Secord street.—The Public Works Commissioner has reported to the City Council that a duplicate waterworks pumping plant will cost $20,000.

CHARLOTTETOWN, P.E.I. — C. B. Chappell, architect, has prepared plans for the following: Stone station at Kensington for the Prince Edward Island Railway; warehouse at Georgetown for the same railway; double house in this city for James and David Hooper; residence on Fitzroy street for J. J. Hornby; brick office, store and bank building in Summerside for F. Schurman. The plans of C. B. Chappell, submitted in competition, for St. Paul's Sunday school, to be built of stone, have been accepted, the building to cost about $13,000, also for new stone manse of St. James church, to cost about $6,500.

VANCOUVER, B.C. — Work will shortly be commenced on brick block on Alexander street, opposite the Europe Hotel, for Ross & Howard.—The C.P.R. will commence work immediately on new freight sheds to be located between Abbott street and False Creek.—By-laws were carried here on Saturday last to raise $350,000 for extension and improvement of streets and bridges, $60,000 for resurfacing certain streets and lanes, $47,500 for extension of gaol and fire protection service and $10,000 for improving English Bay park and beach.

MONTREAL, QUE.—The Montreal Light, Heat & Power Co. propose installing a coke briquetting plant at the gas works at an early date.—J. R. Wilson has purchased the site occupied by the Emmanuel church at corner of Stanley and St. Catharine streets and will erect thereon a terrace of five residences, of cut stone.—The Hampden Court Apartment Co. have been granted permission to erect an apartment house at 355

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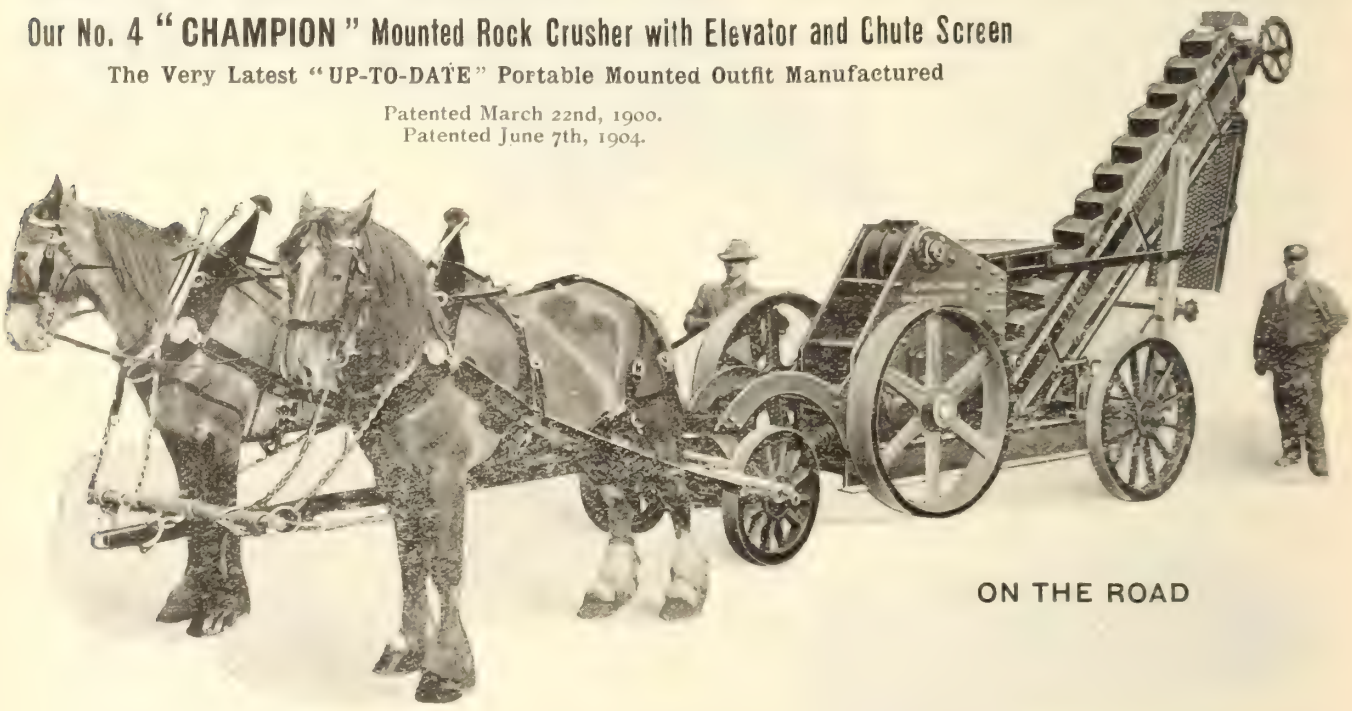

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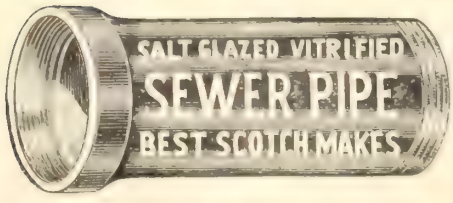

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MONTREAL

Mountain street, 4 stories, stone and brick, with fireproof walls, elevators, cold storage equipment, steam heated, cost about $125,000.—Finley & Spence, architects, have prepared plans for an armory to be built by the Fifth Royal Scots Regiment on Bleury street, opposite the Baron de Hirsh Institute. The structure will cost about $75,000 and will be two stories and basement.—E. P. Charlton & Co.'s new building on corner of McGill College ave. and St. Catherine street will be begun very shortly. Material, pressed brick, with sandstone facing. Saxe & Archibald, architects.—Plans have been prepared by the Montreal Steel Co. for new building on canal bank near St. Etienne street, cost about $25,000.—Marchand & Haskell, architects, are about to let contracts for the new building to be built on corner of St. James street and St. Lambert Hill by the Credit Foncier Franco-Canadien. Building will have 98 feet on St. James street, 82 feet on St. Lambert Hill, and 97 feet on Fortification lane. It will be ten stories, constructed of grey sandstone, and will cost about $500,000.—Saxe & Archibald, architects, have in hand plans for the new building to be built on Guy street for the Montifiore Club, of which E. Silverstone is secretary; front of brick brown sandstone with pressed brick trimmings.

WINNIPEG, MAN.—Mayor Sharpe is said to be arranging to build another apartment block.—J. H. G. Russell, architect, is this week taking tenders on erection of a five-storey stone and brick warehouse for Scott, Bathgate & Co.—

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F. R. Evans, architect, is taking tenders on a five-storey warehouse on Market street east for Foley, Lock & Larson, also for all trades for erection of a three-storey business block, 70 x 112, for M. & L. Orris.—A. & W. Melville, architects, desires tenders by Friday, 9th inst., for erection of two frame residences on Beverly street for A. & C. Jaimeson. Same architects have completed plans and taken tenders on grain warehouses and elevator on Higgins ave., this city, for Leitch Bros., of Oak Lake, to be constructed of steel and reinforced concrete. New plans are under consideration for the proposed police station and public hall.—Contracts will likely be awarded this week for erection of parsonage and sexton's residence for Zion church. Plans by James Chisholm, architect.—R. Rogers, Minister of Public Works, will receive tenders up to 17th inst. for erection of principal's residence, dairy, science building and power house on the Agricultural grounds, St. Charles.—J. H. G. Russell, architect, has prepared plans for the new Fort Rouge Methodist church, red brick, stone trimmings, cost about $50,000.—The City Clerk desires tenders by July 3rd for construction of a covered concrete reservoir to hold 6,000,000 gallons.—Two stories will be added to the Hammond block on Hammond street.—The managers of the Central Congregational church have accepted the plans of A. & W. Melville, architects, for proposed improvements and additions, estimated cost, $25,000.—The time for receiving tenders for supply of water pipe and specials has been extended to June 19.—Hooper & Walker, architects, are this week taking tenders on a frame cottage on stone foundation for Rev. Mr. Harrobin, McDermott ave.—A. & W. Melville want tenders by 10th inst. for erection of brick and stone store and bakery, corner Simcoe street and Ellice ave., for J. W. Campbell.

TORONTO, ONT.—A. R. Clarke & Co., leather and glove manufacturers, 913 Eastern ave., are about to build an addition to their factory, to consist of a

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brick structure 50×100 feet.—H. C. Boultbee has purchased the old church property on corner of Victoria and Queen streets, and will, it is understood, undertake improvements.—Tenders are invited by the Department of Public Works, Ottawa, up to June 20th, for construction of Postal Station "F" in this city. Plans on application to H. E. Hamilton at Examining Warehouse.—The Department of Militia and Defence want tenders by the 20th inst. for retaining wall at Long Branch Rifle Range. Plans at office of the Officer Commanding Western Ontario, this city.—At a meeting of resident trustees of the University of Toronto held on Saturday last, it was decided that each of the four students, residences to be erected should provide accommodation for fifty students, and that steps towards erection should be taken as soon as possible.—The Board of Education will receive tenders up to June 23rd for steam heating and ventilation at Dufferin and Ryerson schools.—The City will build new workshops at the corner of King and Dufferin streets.—The City Engineer, in his last fortnightly report, recommends the construction of the following sewers and pavements: Sewers—Extension of Rosedale creek sewer from Bedford road to Dupont street, cost $6,300; on Clinton street, from 315 feet north of Bloor, cost $2,000; Hepbourne, from Dovercourt road to Havelock street, $1,720; Mark street, from River street to Don, $1,495. Pavements—Shaftesbury avenue, from Yonge 1312 feet east, bitulithic, $9 384; Yarmouth Road, from Christie to Miles Place, bitulithic, $5,134; Park Road, reconstruction macadam roadway, $5,772; Osler avenue from Royce to city limits, $7,329; Perth avenue, from Bloor to Royce, brick, $24,763; Pearl street, from Simcoe to Duncan, brick, $4,058; Gerrard street, from Parliament to River, vitrified block, $21,291; Casimir, from St. Patrick 103 feet north, bitulithic, $1,294; Argyle street, from Dundas to Dovercourt Road, bitulithic, $6,043; St. Clarens avenue, from Wyndham to Dundas, bitulithic, $7,030.—Building permits have been granted as follows: Darling & Pearson, two-storey and attic stone and brick dwelling, east side Maynard ave., near King street, cost $5,500; Wm. F. Medcalf, pair 2½-storey brick dwellings, stone foundations, 81-83 Bismark ave., cost $6,000; G. H. Bowen, three-storey stone and brick store and dwelling, 989 Bloor street west, cost $4,500; J. A. Thompson, two three-storey

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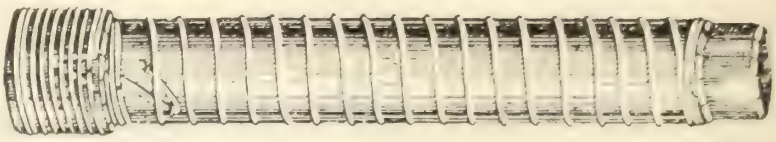

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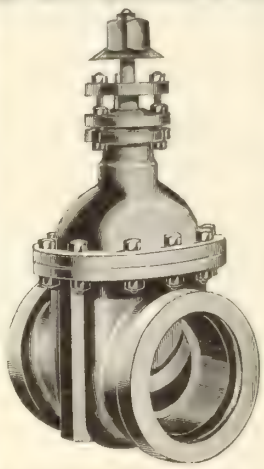

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brick stores and dwellings, stone foundations, 447 and 449 Dovercourt road, cost $4,600; A. E. Booth, four two-storey brick dwellings, south side Gibson ave., near Yonge street, cost $6,000; John R. McDonald, two-storey brick residences, Symington ave., near King street, cost $4,000; G A. Blackstock, two-storey and attic brick and stone dwelling, west side Hazelton ave., near Yorkville, cost $3,000; John Drummer, pair 2½-storey stone and brick dwellings, east side Huron street, near Bernard ave., cost $8,000; John Babister, two pair 2½-storey brick and stone dwellings, south side Dundas street, near Park ave., cost $6,000; Alex. McLeod, pair two-storey and attic brick and stone dwellings, north side Hepbourne street, near Deleware, cost $4,000; J. Billings, two-storey stone and brick residences, Balmoral ave., near Avenue road, cost $5,000; Roman Stone Co., Ltd., two-storey and one-storey frame and galvanized iron factory, north side Marlborough ave., near Yonge street, cost $3,500; Redemptorist Fathers, one-storey stone, brick and steel church, east side McCaul street, near Anderson, cost $90,000; Dr. W. H. Walton Ball, two-storey and attic brick and stone detached dwelling, west side Palmerston ave., near College street, cost $4,500; A. A. Barthelmes, pair two-storey and attic brick and stone dwellings, south-east corner Brunswick ave. and Wells street, cost $8,000; John Deavitt, two-storey and attic brick and stone dwellings, east side Palmerston ave., near Ulster street, cost $4,500; John Gilchrist, two-storey and attic brick and stone dwelling, east side Palmerston ave., near Harbord street, cost $5,000; S. Armour, pair two-storey and attic brick dwellings, stone foundations, east side Beatrice street, near College, cost $5,000; St. James Cemetery, one-storey and attic brick residence, east side Parliament street, near Wellesley, cost $4,500.

CONTRACTS AWARDED.

NIAGARA FALLS, ONT.—Two residences for W. E. Thomas: W. S. Homan, contractor.

WALKERVILLE, ONT.—Cooper shop for Hiram Walker & Sons : V. Williamson, contractor.

KENORA, ONT.—Steel bridge over Julius street: Dickson Bros., successful tenderers, $3,275.

SHERBROOKE, QUE. — Residence for C. McKechnie : William Hawken, contractor for masonry.

FORT WILLIAM, ONT.—Construction of Ogilvie Milling Co.'s mill : Barnett & McQueen, contractors.

CHATHAM, ONT. — Extension to works of William Gray & Sons : Brickwork, Moore & Stephens ; carpentry, J. W. Carswell.

BRANTFORD, ONT.—$15,500 Romeo school debentures: Canada Security Co., Toronto, purchasers, $15,221.

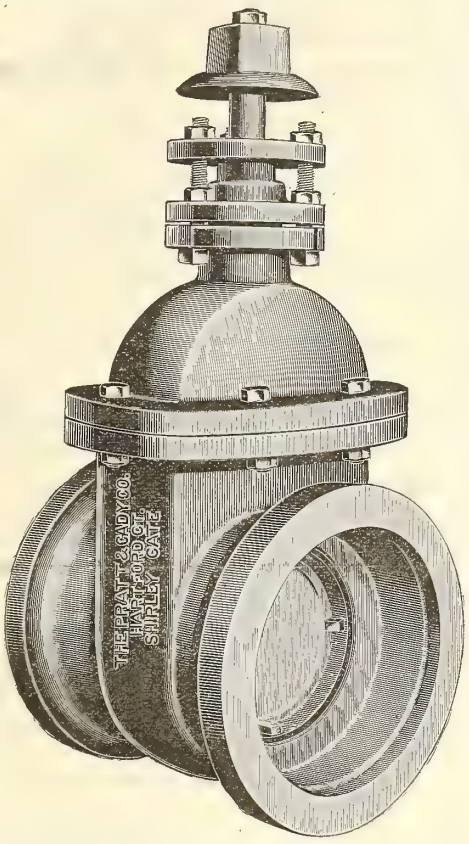
TORONTO, ONT.—The contract for the new Traders' Bank office building at corner of Yonge and Colborne streets has

JOSSON CEMENT

Is the Highest Grade Artificial Portland Cement and the Best for High Class Work. Has been used largely for Government and Municipal Works.

TO BE HAD FROM ALL CANADIAN DEALERS OR FROM

C. I. DE SOLA, 180 St. James Street, MONTREAL



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The Canadian Fairbanks Co., L't'd

MONTREAL TORONTO VANCOUVER WINNIPEG

"EXTRACT"

RESULTS OF CANADIAN AND UNITED STATES CEMENT TESTS JULY 1ST, 1902, TO JULY 1ST, 1903, AT THE LABORATORY OF THE CITY ENGINEER OF THE CITY OF TORONTO.

C. H. RUST, City Engineer. W. A. CLEMENT, Asst. Engineer.

Brand.	Soundness. Faiji Test.	Specific Gravity.	Residue in per cent. on No. 100 Sieve	Setting in Minutes. Initial.	Setting in Minutes. Final.	Tensile Strengths in Pounds per Square Inch. Neat. 1 dy.	Neat. 7 dys.	Neat. 28 dys.	Neat. 3 mos	Neat. 1 yr.	3 (Sand) to 1 (Cement). 1 dy.	3 (Sand) to 1 (Cement). 7 dys.	3 (Sand) to 1 (Cement). 28 dys.	3 (Sand) to 1 (Cement). 3 mos.	3 (Sand) to 1 (Cement). 1 yr.	Where Made.
Alpha	O. K.	3.177	9.3	222	399	292	752	811	868	841	57	197	271	317	327	United States.
Atlas	O. K.	3.100	9.3	152	387	385	579	622	710	712	61	186	246	305	339	" "
Hercules	41% failed	3.159	7.1	120	240	292	696	836	777	711	51	174	222	242	231	Canada.
Imperial	O. K.	3.213	6.2	40	75	250	352	400	484	485	61	128	176	254	321	"
Lehigh	O. K.	3.183	9.1	166	356	348	746	849	897	880	73	201	273	334	361	United States.
Monarch	4% failed	3.154	7.5	176	355	366	653	701	731	701	66	173	242	303	355	Canada.
NATIONAL	O. K.	**3.135**	**2.1**	**162**	**345**	**307**	**701**	**783**	**827**	**804**	**74**	**214**	**299**	**367**	**368**	"
Rathbun's Star	O. K.	3.140	5.0	123	305	359	581	640	677	676	75	193	255	313	349	"
Samson	7% failed	3.118	6.3	107	252	257	462	525	583	612	67	163	231	284	338	"

The Superiority of National Cement is Plainly Shown from the Above Figures, which can be verified from the Annual Report of the City Engineer for 1903. The Best is the Cheapest.

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HIGH GRADE GERMAN BRANDS FOR GRANOLITHIC AND ARTIFICIAL STONE SIDEWALKS.

Sewer Pipes, Culvert Pipes, &c. Best English Cements. Best Belgian Cements

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CHEAP AS GRAVEL

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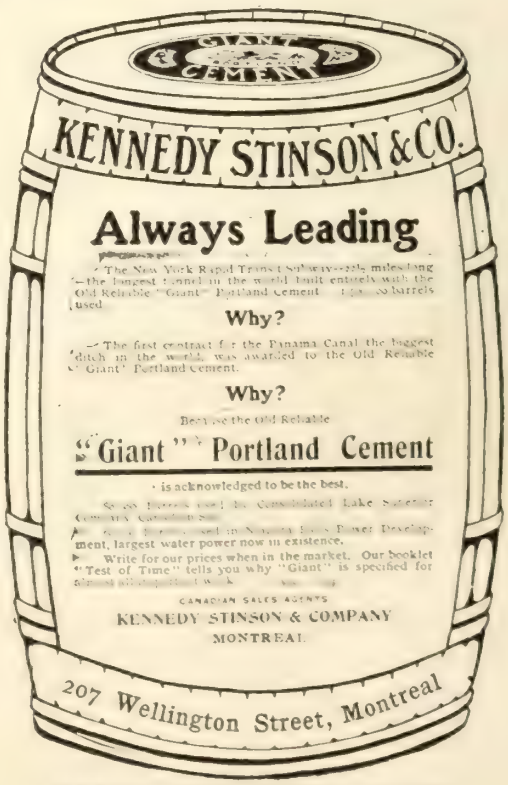

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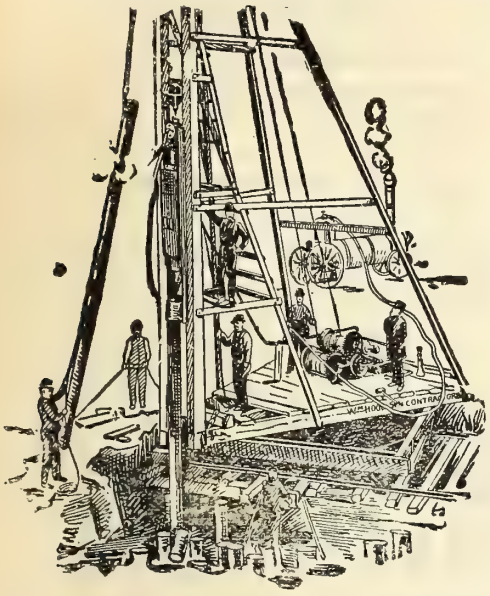

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on land or water by Steam Pile Drivers or Drop Hammers.

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Dredges, Ditchers, Derricks and Steam Shovels

of various styles and sizes to suit any work.

Submarine Rock Drilling Machinery Hoisting Engines, Suspension Cableways, Horse-Power Hoisters, Gang Stone Saws Centrifugal Pumps for Water, Sand and Gold Mining, and other Contractors' Plant.

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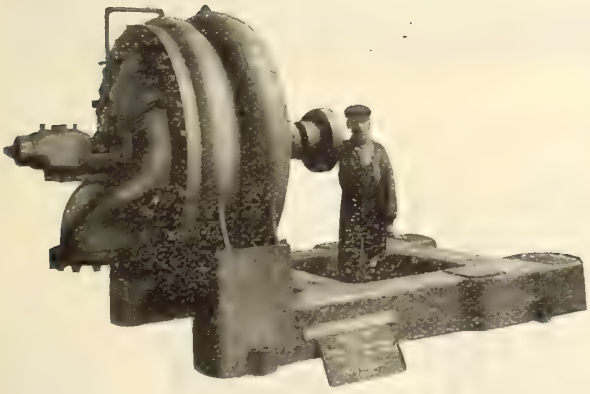

Worthington 2 Stage Turbine Pump for the Winnipeg Water Works, Capacity 5,000,000 per 24 hours.

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for heads up to 2,000 feet, are Reliable, Durable, Efficient and exceedingly simple

WE ALSO MANUFACTURE

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We Have Two Stage Pumps in Operation Delivering Against 160 Pounds Pressure

The John McDougall Caledonian Iron Works Co., Limited.

ESTABLISHED 1852 **Montreal.**

been let to V. J. Hedden, Sons & Co., Madison ave., New York.

LEAMINGTON, ONT. — Heating Methodist church: James Smart Manufacturing Co., Brockville, contractors.

BOISSEVAIN, MAN.—New flour mill: D. E. Bennell, of Brandon, contractor, brick on stone foundation, 40 × 50 feet, two stories, with boiler and engine house.

CALGARY, N.W.T.—Hotel for G. S. A. Skinner: Lawson & O'Gara, architects; McNeil & Brown, contractors, 100 × 130 feet, 5 stories, stone, 2 electric elevators, cost $50,000.

ARNPRIOR, ONT.—115,000 square feet of concrete sidewalk: James Bogue, Peterboro, successful tenderer, 9 cents per foot for sidewalks, 35 cents for block crossings, and 21 cents for drains.

CORNWALL, ONT.—Purchase of debentures: Wood, Gundy & Co., Toronto, successful tenderers, $14,712. Other tenderers: A. Young & Co., $14,501; Stimson & Co., $14,509; H. O'Hara & Co., $14,510; Dominion Securities Co., $14,524; W. C. Brent, $14,628.

WINNIPEG, MAN. — New Lutheran Trinity church: John Schwab, architect; S. Brown, contractor, $13,843.—Completion of block on Main, Bannatyne and Albert streets for the J. H. Ashdown Hardware Co.: Brick and stone work, Hindson & Davidson; carpentry, Day & Manson.—Supply of two transformers for city: Canadian Westinghouse Co., successful tenderers, $1,547,88; 100 lamps, R. E. T. Pringle Co., Montreal, $2,200.

MONTREAL, QUE. — Branch office building of the Molson's Bank, corner Stanley and St. Catherine streets: Finley & Spence, architects; George Roberts, contractor. Building will be 37 × 112 feet, three tories, of Indiana limestone, with front and sid . elevations of cut stone, cost about $100,000.—Steam pump for City Waterworks: John McDougall Caledonian Iron Works Co., successful tenderers.—The Walter M. Lowney Co. of Canada have awarded a contract to Frank B. Gilbreth, of New York and Boston, for the building of a six-storey factory and warehouse in this city, to cost about $100,000.

NOTES.

Ed. C. Nicholson and Arthur E. Nicholson have formed a partnership as contractors and builders in the City of St. Catharines and Niagara district, under the name of "Ed. C. Nicholson & Son."

A. E. Henderson, of the firm of Grant & Henderson, architects, Vancouver, has opened an office in New Westminster, where he is looking after the new buildings being erected for the Dominion Exhibition to be held in that city this year.

DEBENTURES

Municipalities contemplating the issue of Debentures will find it to their advantage to communicate with

G. A. STIMSON & CO.
Investment Dealers
24 and 26 King St. W. - TORONTO

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For sale on dock at foot of Jarvis Street, also prices quoted for delivery to any part of the city.

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Fireproof Steel Office and Mill Buildings, Bridges, Towers, &c. Reinfoced Concrete,
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The Recognized Standard for Sidewalks

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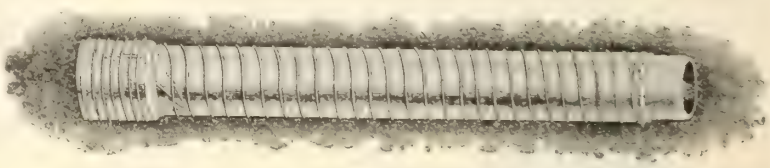

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Brown	25 00
Roman Red	30 00
" Buff	35 00
" Brown	4[illegible] 00
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" No. 2	12 00	17 50
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TORONTO POTTERY CO.	F. O. B. Toronto Car lots	Less
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"White Rock" Finishing Lime, per ton, del.		10 00
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Canadian (Packages, 350 lbs. net.):				
Rathbun's Star	1 75	2 00	2 20	2 30
Trowel			1 85	1 95
Samson	1 75	1 85		
Magnet	1 55	1 65		
Monarch	1 80	1 90	1 90	2 00
Hercules	1 75	1 75		
Imperial		1 80		
Crescent 375 lbs. gross	2 30	2 40	1 95	2 05
Diamond 350 " "	2 20	2 30	1 85	1 95
"Giant" Brantford	1 70	2 00		
American (in Bags)				
"Helderberg"			1 90	2 00
Alsen				2 25
Lehigh, in bbls., 375 lbs.		2 35	2 10	2 20
" cotton sacks, 350 net		2 00		2 00
" paper bags		2 10		1 85
"Iron Clad" in bags 350 lbs.			1 80	1 90
"Invicta" " " "			1 65	1 70
"Adirondack" " " "			1 50	1 65
Old Reliable "Giant" (350 lbs. net per bbl.)	1 75	1 85	1 80	2 00
"Improved Union"	1 65	1 75	1 70	1 90
"Union"	1 50	1 60	1 50	1 70
Vulcanite (The Toronto Pottery Co., Limited. Toronto) 350 lbs. per bbl. (bags included).				
In paper bags		2 20		
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Brook's Shoobridge Anchor	2 35	2 40	2 00	2 10
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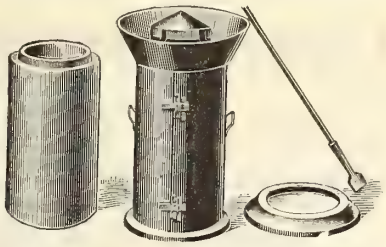
Belgian (in Barrels):				
"Josson"	2 60	2 70	2 20	2 30
Hammer			1 80	1 90
White Star	2 15	2 25	1 90	2 00
German (in Barrels):				
Offenbacher				2 35
Alsen	2 65	2 95		2 40
Dyckerhoff	2 65	2 75		2 40
Hercules	2 25	2 35		2 10



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BORAX,
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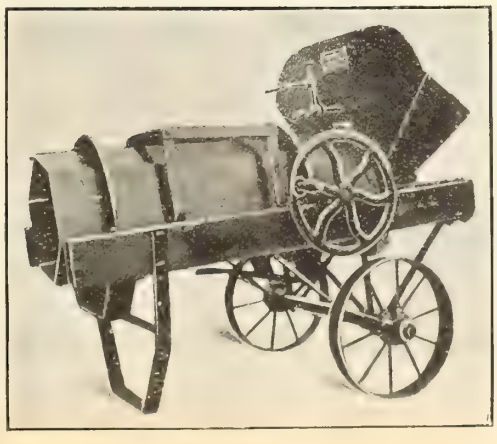
The Improved Rotary Man Power Concrete Mixer



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Manufacturers of
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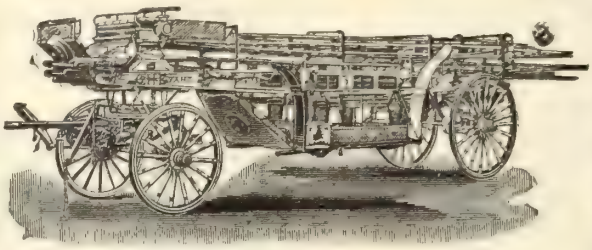

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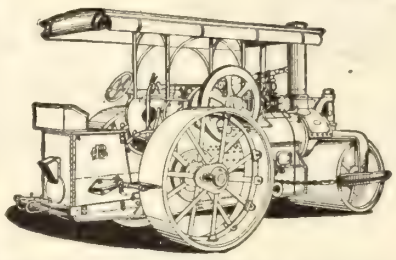

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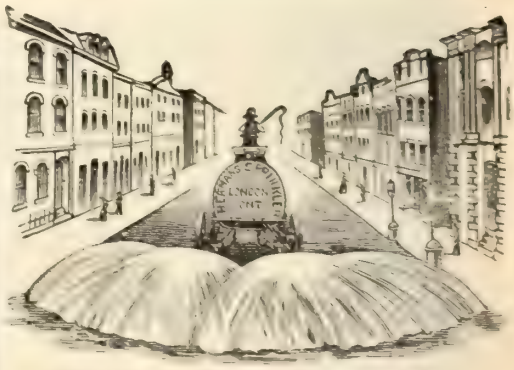

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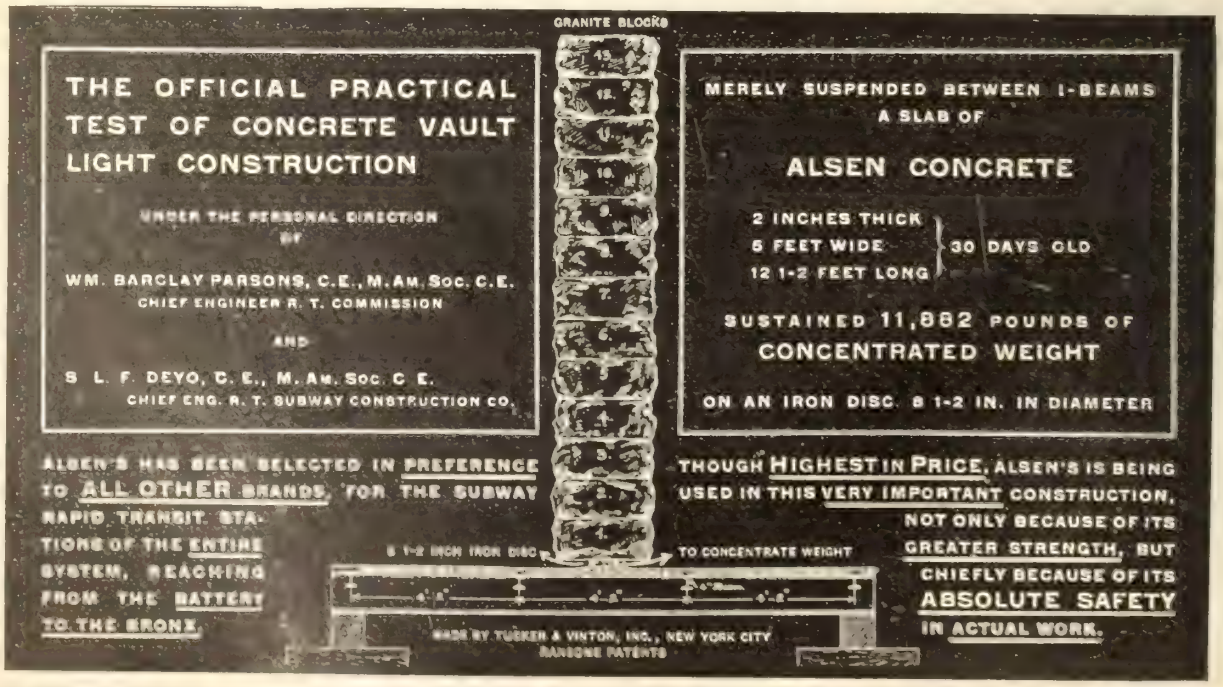

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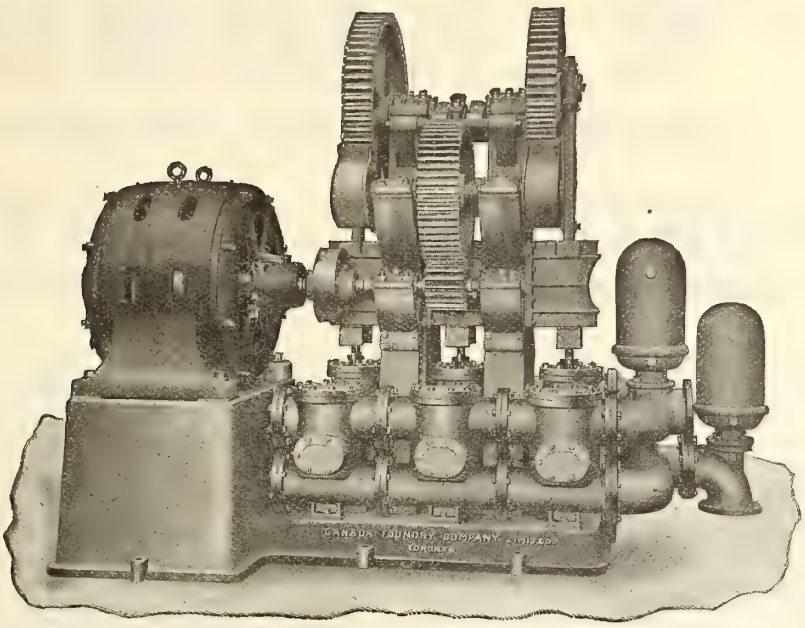

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CANADIAN

Contract Record

A Weekly Journal of Public Works, Tenders, Advance Information and Municipal Progress

This Paper Reaches Every Week the Town and City Clerks, Town and City Engineers, County Clerks and County Engineers, Purchasers of Municipal Debentures and Leading Contractors in All Lines Throughout Canada

VOL. 16. TORONTO, MONTREAL — JUNE 14, 1905 — WINNIPEG, VANCOUVER No. 16

THE CANADIAN CONTRACT RECORD
PUBLISHED EVERY WEDNESDAY

As an Intermediate Edition of the Canadian Architect and Builder.

THE C. H. MORTIMER PUBLISHING COMPANY
of Toronto, Limited.

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Notice to Contractors

Sealed tenders, endorsed "Tenders for Bridges", and addressed to J. A. Cockburn, Township Clerk, Crysler, Ont., will be received up to twelve o'clock, noon, on THURSDAY, THE 29TH DAY OF JUNE, 1905, for the making of the necessary excavations for and the construction of concrete piers, and the building of approaches for bridges to cross the Payne River on the roads between the 8th and 9th Concessions, the 4th and 5th Concessions and the 3rd and 4th Concessions. Tenders to be submitted for two styles of piers, viz., for solid concrete and for steel reinforced.

Plans and specifications may be seen at the office of J. A. Cockburn, Clerk, Crysler, and at the office of W. H. Magwood, Engineer, Cornwall, on and after the 15th inst.

Ten per cent. of amount of tender must accompany same

The lowest or any tender not necessarily accepted.

(Signed) W. E. CRAIN, Reeve.
(Signed) J. A. COCKBURN, Clerk.
(Signed) W. H. MAGWOOD, Engineer.

June 5th, 1905.

Tender for Bridge

Sealed tenders addressed to Wm. Pedwell, Reeve of Sarawak, will be received up to 6 p. m., 23RD DAY OF JUNE, for the construction of the following :—

1st. The construction of a steel bridge, span 80 feet c. to c., width of roadway 16 feet, live load 80 lbs. per sq. ft. and moving load 6 tons on 6 foot axles, cedar floor and steel joists.
2nd. The construction of 2 concrete abutments containing 220 c. yds., removal of old bridge, and filling behind abutments.
3rd. The construction of a concrete arch.
Site, Bay View near Owen Sound.

An accepted Bank Cheque payable to Treasurer Tp. of Sarawak to the amount of 5%, must accompany each tender, the same to be forfeited if the tenderer decline the contract, or fail in the performance thereof, and will be returned in case of non-acceptance.

The lowest or any tender not necessarily accepted.

Plans and specifications may be seen at Reeve's or Engineer's office.

WM. PEDWELL, ESQ., Reeve,
Brookholm P. O.
McDOWALL, C. E., Tp. Engineer,
Owen Sound.

Brookholm, 30th May, 1905.

TENDERS

will be received by the undersigned up to MONDAY, JULY 3RD, 1905, for the following debentures of the Village of Teeswater :

$2000 Loan Debentures payable in ten years with interest at 4 per cent.

$1861.97 four per cent. General Side-walk Debentures payable in 18 annual instalments of $147 16 each.

$1419.64 four per cent. Local Improvement Debentures payable in twenty annual instalments of $104.46 each.

JOHN FARQUHARSON,
Clerk of Teeswater.

TENDERS

FOR

SUPPLY OF WATER PIPE AND SPECIALS

Sealed tenders, addressed to the Chairman of the Fire, Water and Light Committee, for the supply of Water Pipe and Specials of various sizes for High Pressure Fire Service, will be received at the office of the undersigned up to 3.30 p. m. on MONDAY, JUNE 23rd, 1905.

Specifications and forms of tender may be obtained at the office of H N. Ruttan, City Engineer, Winnipeg, Canada.

Each tender must be accompanied by an a cepted cheque, draft or cash deposit for the sum called for in the form of tender supplied, which will be subject to forfeiture in case of failure on the part of the successful tenderer to enter into a written contract with approved sureties if called upon to do so.

The City reserves the right to reject any or all tenders or to accept any bid which appears advantageous to the City of Winnipeg.

C. J. BROWN, City Clerk.

City Clerk's Office,
Winnipeg, Canada, May 15th, 1905.

BRICK PAVEMENT

Niagara Falls, Canada

Sealed proposals will be received by the Council of the City of Niagara Falls, Canada, until 8 o'clock p.m. the 17TH DAY OF JUNE, 1905, for the construction of Section No. 2 of the Niagara Falls Paving System.

The works to be built under this section are approximately 5,900 square yards of brick pavement on concrete foundation, with re-setting of curbs in concrete, and including all appurtenances.

Proposals are to be made on proposal sheets supplied, and shall be accompanied by a certified cheque on a chartered bank of Canada for $1,500.00, made payable to the Treasurer of the City of Niagara Falls, said cheque to be returned to the person making the proposal unless he fail to execute the contract according to the specifications should it be awarded to him.

Proposals shall be enclosed in sealed envelopes addressed "The City of Niagara, Canada, John Robinson, Clerk," and endorsed "Proposal for Section No. 2, Niagara Falls Paving System."

Plans and specifications may be seen and form of proposal may be obtained at the office of the Engineer, Niagara Falls, on and after Wednesday, the 7th of June, 1905.

The right to reject any or all proposals is reserved to the Corporation.

WM. PHEMISTER, Mayor.
JOHN H. JACKSON, Engineer.

Niagara Falls, Canada, June 1st, 1905.

To Contractors

Tenders will be received until THURSDAY, THE 22ND INST., for the work of all trades in connection with additions and alterations to the House of Industry on Elm street. Plans and specifications can be seen and all other information obtained at the office of the architect.

E. J. LENNOX, Architect.

Tenders for Sidewalks

Sealed tenders will be received by the undersigned up to noon JUNE 23RD, 1905, for the construction of certain Cement Sidewalks in the Town of Collingwood, in all about 25,000 sq. ft.

Specifications may be seen at the Town Clerk's office on application.

The lowest or any tender not necessarily accepted.

J. G. PETERMAN,
Chairman Board of Works.

June 12th, 1905.

Tenders for Erection of Reservoir

Sealed tenders, addressed to the Chairman of the Fire, Water and Light Committee, for the construction of a covered concrete reservoir to hold 6,000,000 imperial gallons, will be received at the office of the undersigned up to 3.30 p.m. on MONDAY, JULY 3, 1905

Plans may be seen at the office of H. N. Ruttan, city engineer, Winnipeg, Canada, from whom specifications and forms of tender may be obtained.

Each tender must be accompanied by an accepted cheque, draft or cash deposit for the sum called for in the form of tender supplied, which will be subject to forfeiture in case of failure on the part of the contractor to enter into a written contract with approved sureties if called upon to do so.

The city reserves the right to reject any or all enders or to accept any bid which appears dvantageous to the city of Winnipeg.

C. J. BROWN,
City Clerk.

City Clerk's Office,
Winnipeg, May 27, 1905.

Board of Education

TENDERS WANTED

Sealed tenders addressed to the Secretary-Treasurer of the Board, will be received until

Friday, June 23, 1905,

for the several works required for the

Enlargement of Cottingham Street School

and for the several works for the

Repairs, Alterations and Improvements

required during the Summer vacation.

Plans and specifications may be seen and all information obtained at the office of the Board of Education, City Hall. Each tender must be accompanied by the deposit mentioned in said specifications and forms of tender. The lowest or any tender not necessarily accepted.

L. S. LEVEE, Chairman of Committee.
W. C. WILKINSON, Secretary-Treasurer.

[FOR ADDITIONAL ADVERTISEMENTS FOR TENDERS SEE NEXT PAGE.]

To Electric and Heating Contractors

Tenders will be received by Rev. D. A. Twomey, Belleville, Ont., for Electric Wiring and Hot Water or Steam Heating of St. Michael's, Belleville. Tenders for Electric Work to be in on TUESDAY, 20TH, and for Heating on TUESDAY, 27TH INST. Plans and specifications may be seen at Belleville and Kingston.

H. P. SMITH, Architect,
Ancho: Building, Kingston, Ont.

Tenders for Long Branch Rifle Range

Sealed tenders, marked on the envelope "Tender for retaining wall, Long Branch Rifle Range, Toronto," and addressed to the Secretary of the Militia Council, Headquarters, Ottawa, will be received until NOON, THE 20TH JUNE, proximo, for the construction of a concrete retaining wall at Long Branch Rifle Range, Toronto.

Plans and specifications may be seen at the offices of the Officer Commanding Western Ontario, Toronto, and Director of Engineer Services, Militia Headquarters, Ottawa.

Tenders must be made on a form supplied by the Department, and accompanied by an accepted cheque on a Canadian chartered bank for 10% of the amount of the tender, payable to the order of the Honourable the Minister of Militia and Defence.

The Department does n t bind itself to accept the lowest or any tender.

E. F. JARVIS,
Secretary,
Militia Council.

Department of Militia and Defence,
Ottawa, May 31, 1905.

TENDERS FOR BRIDGE

Sealed tenders addressed to the Chairman Board of Works, Owen Sound, Ont., will be received up to 6 p m. of FRIDAY, the 14TH DAY OF JULY, for the construction of either of the following:—

1. Two Reinforced Cement Concrete Arches with centre pier, each span 50 ft. clear, roadway 24 feet in width, with two cement concrete sidewalks 6 ft. in width, live load 150 lbs. per sq ft.
2. One Steel Deck Trussed Bridge, 100 feet span c-c, 24 foot roadway, two cement concrete sidewalks 6 feet in width, reinforced cement concrete floor, live load 120 lbs. per sq ft., moving load one 18 ton steam road roller.
3. Two Cement Concrete or Rock Ashlar Abutments containing some 205 c. yds.

An accepted bank cheque, payable to Treasurer Town of Owen Sound, to the amount of 5 per cent., must accompany each tender, the same to be forfeited if Contractor decline the contract or fail in the performance thereof and will be returned in case of non acceptance.

The lowest or any tender not necessarily accepted.

Plans and specifications may be seen at the office of Town Engineer.

R. McDOWALL, C.E.,
Town Engineer.

W. H. McCLARTY, Esq.
Chairman Board of Works.

Notice to Contractors.

Sealed tenders, endorsed "Tenders for River Aux Raisin Drainage Scheme", and addressed to H. E. Hodgins, Esq., Township Clerk, Osnabruck Centre, Ont., will be received up to 12 o'clock, noon, of the 27TH DAY OF JUNE, A.D. 1905, for the construction of that part of the River Aux Raisin Drainage Scheme within the limits of the Township of Osnabruck, also separate tenders for the construction of the bridges as required by the said drainage scheme in the Township of Osnabruck. Contractors are also requested to send in similar tenders for the whole work both in the Townships of Osnabruck and Cornwall. Plans and specifications may be seen at the office of H. E. Hodgins, Township Clerk, Osnabruck Centre, and W. H. Magwood, Engineer for the Township of Osnabruck, and A McNaughton, Engineer for the Township of Cornwall, on and after this date.

A certified cheque for ten per cent. of the amount of tender for the work in the Township of Osnabruck must accompany the same. The lowest or any tender not necessarily accepted.

Dated this 8th day of June, A.D. 1905.

JAMES MARTIN, Reeve
H. E. HODGINS, Tp. Clerk.
By: HARKNESS & MILLIGAN,
Solicitors for the Township of Osnabruck.

Architectural Draughtsman Wanted

One thoroughly competent to take charge of office, plans and details and good in perspective. Applicants giving references and salary expected. Box 77, CONTRACT RECORD, Toronto.

ENGINEER WANTED FOR SEWER CONSTRUCTION

The Council will receive until JUNE 26TH, 1905, applications for office of Engineer to advise and prepare plans and specifications for a system of sewers in the Town of Meaford. Engineers applying please state references.

GEO. G. ALBERY, Town Clerk.

TENDERS FOR
Granolithic Walks

Tenders will be received by the undersigned up to 8 o'clock p.m. on MONDAY, JUNE 26TH, 1905, for the building of about 21,000 sq. feet of Granolithic Sidewalks in the Village of Elmira, according to specifications to be seen at the office at the undersigned. The lowest or any tender not necessarily accepted.

JOHN H. RUPPEL, Clerk.
Dated June 12th, 1905.

TENDERS

The City of Ottawa Public School Board are prepared to receive tenders for boilers required for new school buildings according to plans and specifications to be seen at the office of Mr. W. B. Garvock, corner of Chapel and Rideau Streets.

Tenders to be sent to the office of the Board, City Hall, Ottawa, not later than noon on SATURDAY, 17TH JUNE.

W. REA, Secy-Treas.
Ottawa, June 10th, 1905.

CONTRACTS OPEN.

MONCTON, N. B.—Tenders will be invited for construction of sewers.

MOOSE JAW, N. W. T.—J. A. Simington will erect a brick store building.

BRIDGEBURG, ONT.—The Model Skirt Co., of Buffalo, will build a factory here.

SIDNEY, MAN.—A by-law will be voted on June 23 to raise $3,800 for a new school.

NEEPAWA, MAN. — Granolithic sidewalks will be constructed by day labor.

QUEBEC, QUE.—Extensive alterations are to be made to Quebec Bank building.

CHATHAM, ONT.—J. L. Wilson & Son, architects, have prepared plans for rebuilding the Rutley House.

SOUTHAMPTON, ONT.—A by-law to expend $4,000 for extension of waterworks system was carried last week.

NEW WESTMINSTER, B. C.—Plans have been completed for new wharf to be built by Brackman-Ker Milling Co.

AYLMER, ONT.—Miss Ardagh will likely build a cement block residence on corner of St. George and Talbot streets.

BUCKINGHAM, QUE. — The Roman Catholic church is to be decorated and a new organ installed, at cost of $13,000.

THOROLD, ONT. — A by-law to raise $50,000 for waterworks system will be submitted to the ratepayers August 14th.

POINT EDWARD, ONT. — J. F. O'Neil, Village Clerk, desires tenders by 21st inst. for construction of granolithic walks.

YORKTON, N.W.T.—A. M. Fraser, architect, Indian Head, will receive tenders up to 20th inst. for erection of town hall here.

EDMONTON, N. W. T.—A company has been formed, capital $100,000, to build a flour mill here. Particulars from Mayor Short.

BOLTON, ONT. — York County Council will rebuild the bridge over the Humber river at this place, at an estimated cost of $3,000.

BOUCK'S HILL, ONT. — George Lane will receive tenders up to July 5th for drainage work provided for by the Marselis drain by-law.

MELITA, MAN.—The School Trustees will submit a by-law to the ratepayers to borrow $7,000 to build an addition to present school.

AMHERST, N. S.—J. R. Douglass has purchased the Amherst Hotel and intends erecting in the near future a five-storey brick or stone building.

LISTOWEL, ONT. — The Council are considering the erection of new bridges at Wallace, Main and Elmer streets, at probable cost of $15,000.

SANDRINGHAM, ONT. — R. C. McGregor, Township Clerk, wants bids by June 19th for construction of the McNeil-McDonell and Dewar drains.

GANANOQUE, ONT.—The by-law to raise $35,000 for completion of the waterworks and sewerage systems will be submitted to the ratepayers July 6.

SHAWINIGAN FALLS, QUE.—The Northern Aluminum Co. are doubling the capacity of their works and will erect buildings costing upwards of $200,000.

PARIS, ONT.—The School Board have decided to procure plans for a new eight-room school building and a four-roomed addition to King's Ward school.

NORTH BAY, ONT.—It is reported that property has been purchased here on which to build a new station for the Temiskaming and Northern Ontario Railway.

GALT, ONT.—Three tenders were received for construction of septic tanks, two of which were much in excess of the engineer's estimates. No award yet made.

SYDNEY, N. S.—Plans have been completed and tenders will shortly be invited for new asylum, which will have its own electric light plant and waterworks system.

SARAWAK, ONT. — A by-law to raise $2,000 to build a bridge over the Indian river at Nelson's Mill will be submitted to the Township ratepayers on June 30th.

ST. CATHARINES, ONT.—It is expected that work will be commenced within the next fortnight on the new factory for the Jenckes Machine Co., of Sherbrooke, Que.

FORT FRANCES, ONT. — F. H. Warner, Town Clerk, will receive tenders up to 22nd inst. for erection of town hall. Plans by James Chisholm, architect, Winnipeg.

ORILLIA, ONT. — The County Council are considering the building of a bridge across the Mad river at Singhampton.—H. C. Channen intends building four residences.

FERNIE, B.C.—The ratepayers have endorsed by-laws to raise $60,000 for a waterworks system and $40,000 for a sewerage system. T. H. Tracy, Vancouver, consulting engineer.

PETERBORO, ONT.—A by-law will be submitted to the electors on June 29th to raise $45,000 to complete the Collegiate Institute and $20,000 to erect a public school building in South ward.

FORT WILLIAM, ONT.—John King is preparing to erect a residence on corner of Arthur and Archibald street.—J. L. Davidson is taking tenders up to 14th inst. for addition to Hudson Bay Co.'s store.

WEYBURN, N. W. T.—Mr. Jarrett, architect, has completed plans for hardware store for J. A. Mitchell, brick and stone, two stories, plate glass windows,

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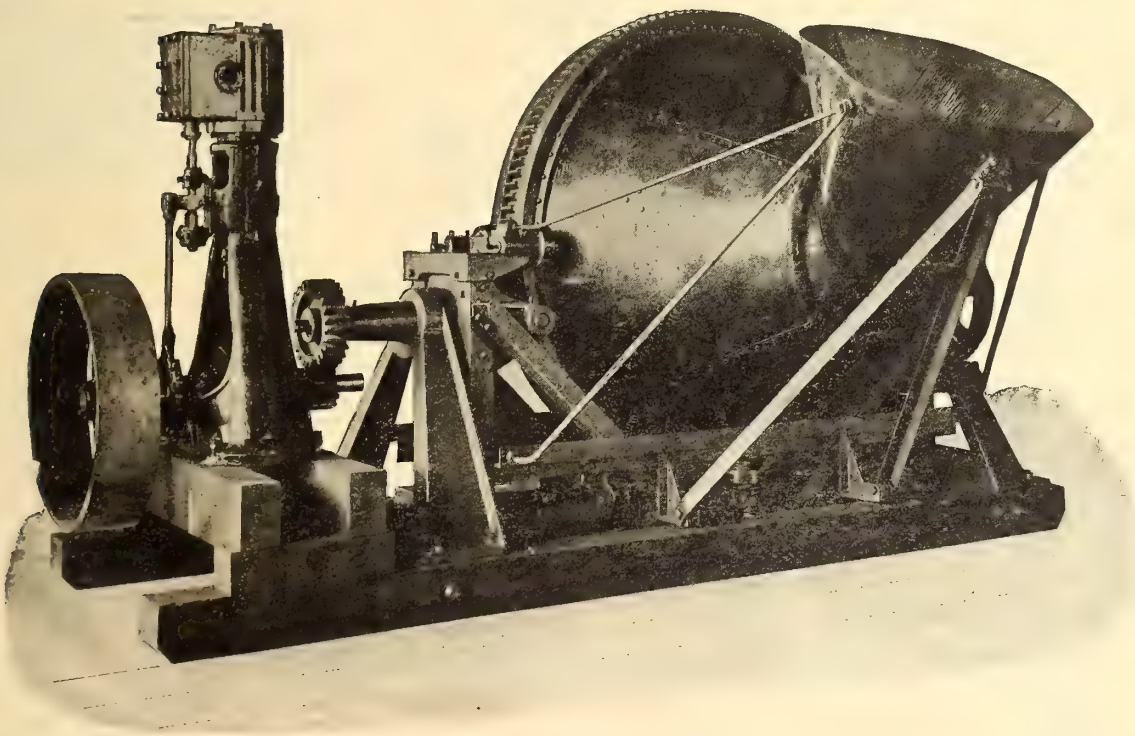

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also for a new Methodist church of cement blocks.

LONDON, ONT.—W. G. Murray, architect, will receive tenders up to 16th inst. for alterations to Adelaide Baptist church.—H. C. McBride, architect, is this week taking tenders on three brick residences.

GLACE BAY, N.S.—Tenders are invited by N. F. McNeil up to 19th inst., for erection of brick building for electric light station.—Engineer Morrison has been instructed to prepare plans for waterworks extension.

SARNIA, ONT.—The by-law to provide $57,000 to improve the present waterworks plant and lay new mains was carried last week, while the $150,000 proposition to remove the plant to Point Edward was defeated.

OTTAWA, ONT.—The Council have passed a by-law providing for the issue of $200,000 of debentures.—The County Council will likely issue $15,000 of 20-year debentures for construction of bridges.—The Dominion Government will likely enlarge the Printing Bureau.

BRANDON, MAN.—The Western Canada Flour Mills Co., recently organized in Toronto, will erect a 400 barrel mill in the vicinity of Winnipeg, together with a storage elevator and warehouse. A. Kelly, of this place, is one of the directors.

PORT HOPE, ONT.—Plans have been prepared for a new factory to manufacture enamel ware, etc., the directors being the same as those of the Standard Ideal Co. H. T. Bush will be manager. There will be a moulding shop 80x190 ft., warehouse 50x200 ft., and mill room 40x60 ft.

BRANTFORD, ONT. — The Bell Telephone Co. will shortly commence the erection of their new building here, cost about $40,000 —Bert Hollinrake intends building a fine brick residence on Wellington street.—Plans have been completed for a new rectory for Grace church, cost about $7,000.

OWEN SOUND, ONT.—It is understood that the C.P.R. are having an estimate prepared of the cost of installing an electric plant to light their buildings and yards here and to operate the coal hoisting plant.—W. J. Graham is this week taking tenders on addition to school building in township of Brooke.

ST. JOHN, N.B. — Tenders are invited by the City Clerk, up to Wednesday, 28th inst., for purchase of $500,000 40-year 3½ per cent. debentures.—The trustees of the Y.M.C.A. are endeavoring to secure $36,000 before proceeding with the new building.—Plans have been prepared for new receiving tomb and mortuary chapel in Fern Hill, to be of brick with stone facing.

NIAGARA FALLS, ONT. — Plans have been completed for Ald. Hanan's new residence on Front street.—C. A. Smith will build a residence on Lundy's lane.—The International Acheson Graphite Co. will commence the erection of their branch factory here this week.—Cecil B. Smith, C. E., of Toronto, will likely be engaged to report upon an extension of the waterworks system.

BERLIN, ONT.—The time for receiving tenders for cement arch and pier at Wingfield was extended for two weeks.—The Bell Telephone Co. will enlarge their exchange and make other improvements.—The Light Commission will ask the Council to submit a by-law

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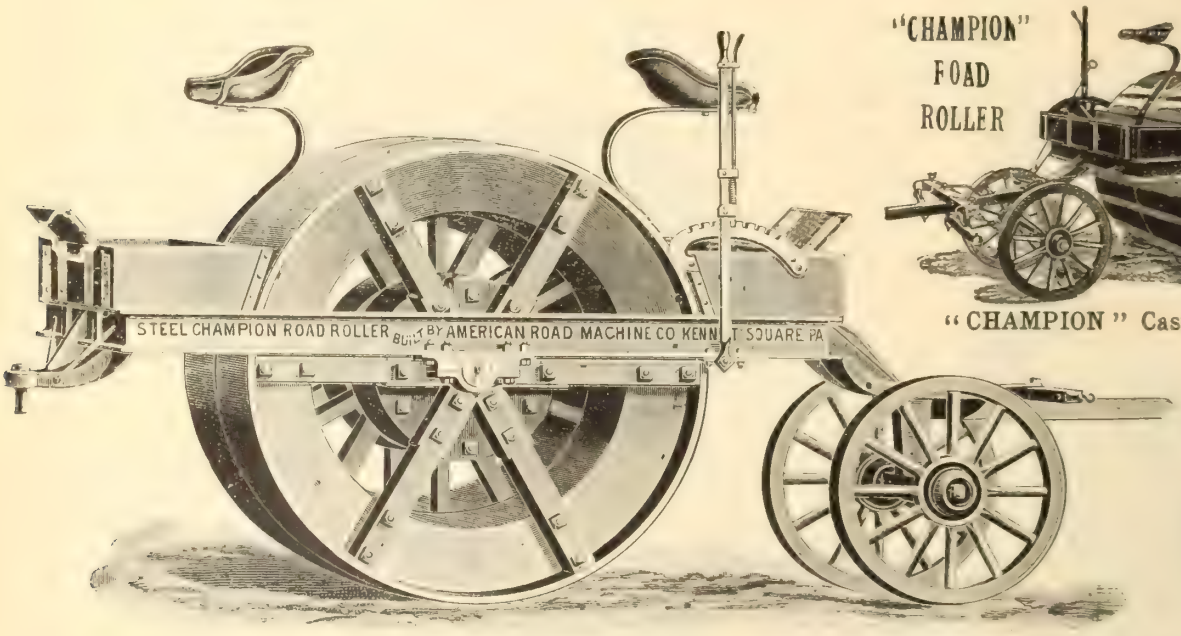

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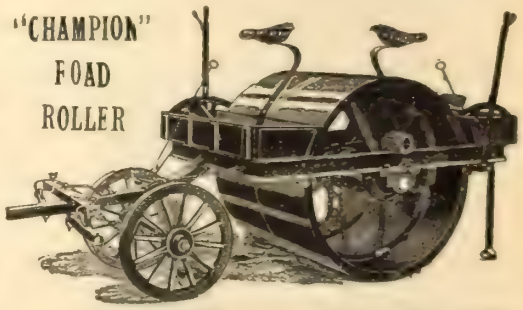

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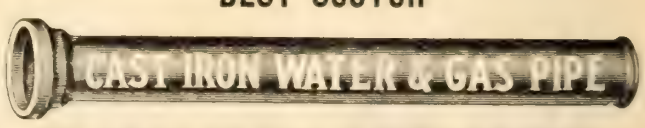

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to the ratepayers to provide funds for required improvements.

REGINA, N. W. T.—The City Hall Committee have suggested that competitive plans be invited for a city hall to cost about $75,000.—Tenders will likely be invited shortly for extension of waterworks and sewerage systems, at approximate cost of $40,000.—The Saskatchewan Telephone Co. desire to operate in this city.

VANCOUVER, B.C. — The congregation of the First Baptist church have decided to build a $25,000 edifice at corner of Burrard and Nelson street.—The survey work of the Spokane and British Columbia Railway has been completed.—The L. G. Wing theatre and hotel building at corner of Hastings and Abbott streets will be proceeded with immediately. — B. W. Kells will build a summer hotel at the waterworks dam on the Capilano river.

MONTREAL, QUE.—L. O. David, City Clerk, desires tenders by Monday, 19th inst., for 25 fire alarm boxes.—A movement is on foot to build a labor temple in this city.—C. C. Holland has purchased the property at 108 and 110 Stanley street and adjoining the premises of G. A. Holland, Son & Co., 2413 and 2415 St. Catherine street. It is the intention to either reconstruct the present building and add three stories to it or erect an entirely new structure.

BROCKVILLE, ONT. — Plans are being prepared by G. A. Allan, architect, for a large addition to the store of F. I. Ritchie, tobacconist, for use as a billiard parlor and bowling alley, the store, residence and addition to be heated by hot water. Same architect is preparing plans for a 3-storey stone building on King street for James H. Gilmour, to contain offices on ground floor and residential flats above, heated in each of the four different sections by hot water.

GUELPH, ONT.—The City Council have decided to construct the cement pavements by day labor.—The Light & Power Commission have engaged Mr. Baxter, of Windsor, to design the proposed improvements to the gas plant, estimated to cost $65,000. By-law voted on June 24.—John Newstead, Chairman City Finance Committee, is asking for tenders up to 19th inst. for purchase of $60,000 30-year debentures.—The Light & Power Commission will likely purchase a new generator for the electric light plant.

CALGARY, N.W.T.—Lawson & O'Gara, architects, are calling for bids for a brick veneer residence for J. Irwin, to be built on Fourth ave. west, also for a brick and stone residence for W. H. Manarey, to be erected on 7th ave. west. Same architects are preparing drawings for the interior decorations for R.C. church at McLeod, Alta.—By-laws were carried last week providing $45,000 for extension of waterworks system and $2,000 to complete bridge across Elbow river.

VICTORIA, B.C.—Plans have been completed by Thomas Hooper, architect, for proposed Home for the Aged and Infirm.—The report of Arthur L. Adams, of San Francisco, on the waterworks system, will shortly be published.—Plans have been prepared by the City Engineer for the Rock Bay bridge, which will likely be commenced in the near future.—The Library Commissioners are considering plans for the furnishing and interior equipment of the Carnegie library.—H. A. Munn is preparing to erect a fine residence on Terrace ave.

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Life Assurance Co. have under consideration plans for erection of large office building at corner of James and Main streets. — The improvements to the Bank of Hamilton, including an addition to 8 stories in height, are to be proceeded with at once.—Building permits have been granted as follows : I. G. Thompson, brick residence, corner Herkimer and Kent streets, cost $3,400 ; John Schuart, brick residence, Queen street, between Maitland and Aberdeen ave., cost $2,000; Charles Rudolph, residence on Wilson street, cost $1,700.

WINNIPEG, MAN.—J. H. Cadham, architect, is this week taking tenders on a five-storey brick and stone warehouse on Ross ave. and for a double house on same street.—J. H. G. Russell, architect, will receive tenders up to 20th inst. for erection of brick veneered residence on corner of Sargent and Balmoral streets for K. H. Johnson.—Harrison Bros. are taking tenders on plumbing and heating and galvanized iron and cornice work for three-storey block near Main and Jarvis streets.—Time for receiving tenders for supply of water pipes and specials for the city has been extended to 23rd inst.—The J. H. Ashdown Co. contemplate further enlarging their wholesale premises on Bannatyne ave. east by adding two stories.—The City Engineer has reported that the cost of paving Higgins ave. from Maple street to subway will be $62,000 for asphalt and $82,000 for creosote blocks.—H. S. Griffith, architect, is this week taking tenders for erection of frame house on stone foundation on Toronto street for G. W. Neary.—Mr. Haskell, one of the Montreal architects who are preparing plans for the new Roman Catholic Cathedral in St. Boniface, was here last week and expects to be able to begin the work this summer.—A. & W. Melville, architects, are taking tenders on a frame residence on Cornish street for Mrs. John Renton.—E. B. Nash, of Nash, Carson & Naylor, has purchased a site on St. Johns ave. on which to build a fine residence.—J. H. G. Russell, architect, is preparing plans for a Presbyterian church to be built at Prince Albert, stone and brick, with basement for Sunday school.—It is said that the Bank of Hamilton have acquired a portion of the property at south-west corner of Portage ave. and Hargraves street and will erect a building for city branch. The Ontario, Manitoba & Western Land Co. also have in contemplation the erection of a large building near the same corner.

TORONTO, ONT.—The Conduit Co., Limited, intend building a factory.—The Separate School Board will shortly ask for tenders for repairs to the several schools.—E. J. Lennox, architect, is asking for tenders up to 22nd inst. for additions and alterations to House of Industry on Elm street.—The Salvation Army will erect two dwellings on Davisville ave., North Toronto.—The Board of Education desire tenders by Friday, 23rd inst., for enlargement of Cottingham street school and for midsummer repairs, alterations and improvements.—It is understood that Wyld, Darling & Co. will build a large warehouse on west side of Bay street, north of Adelaide.—F. G. Stair is reported to have decided upon the erection of a five-storey office building on east side of Bay steeet, between Temperance and Adelaide.—The Trustees of the Metropolitan Methodist church are considering a proposal to build a parsonage on the south-east corner of Shuter and Bond streets.—The Department of Public Works, Ottawa, are asking for tenders by July 4th for construction of extension to breakwater on south side of Toronto Island. Plans at office of the Resident Engineer, Confederation Life Building.—The Board of Health have authorized Dr. Sheard to obtain tenders for erection of a laundry building in connection with the Isolation Hospital.—York County Council will call for tenders for construction of a bridge over the Humber river at Rowntree's hill.—John Wanless has offered to donate a site at corner of Davenport road and Deleware ave. for a new church for Knox congregation.—The Board of Control desire tenders by 20th inst. for supply of fire hose and for construction of concrete walks and different kinds of pavements. — Building permits have been granted as follows : William McNab, pair two-storey and attic brick dwellings,

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stone foundations, corner Barton and Manning avenues, $3,400; Thos. Vallentyne, pair two-storey and attic brick and stone dwellings, 235 and 237 St. Clarens ave., $5,000; Herbert Galbraith, pair 2½ storey brick dwellings, on Grace street, near College, $4,000; Robert Orr, pair 2 1-2 storey roughcast dwellings, brick fronts, 180 and 182 Morse street, $2,800; G. C. Wood, two-storey brick veneered dwelling, West ave., near First, $2,000; J. D. Crane, pair 2 1-2 storey brick dwellings, Simpson ave., near Broadview, $4,500; Albert R. Wright, three-storey brick and stone store and dwelling, Avenue road, near Dupont, $3,300; R. H. Pill, pair two-storey roughcast dwellings, stone foundation, brick fronts, 7 and 9 Gore street, $3,000; A. E. Weatherbe, two-storey brick and stone dwelling, Langley ave., near Broadview, $2,500; A. Pepler, two-storey and attic brick residence, corner Bernard ave. and Bedford road, $9,500; Trustees St. Peter's church, 2 1-2 storey stone and brick dwelling, Carlton street, near Bleecker, $5,000; Miss Bethune, two-storey and attic brick residence, Poplar Plains road, near Balmoral, $7,500; F. Hooey, 2 1-2 storey stone and brick residence, 154 Garden ave., $3,200; W. H. Bayliss, two-storey and attic brick dwelling, 278 Gladstone ave., $3,000; Manton Bros., two-storey roughcast dwelling, Bartlett ave., $1,000; Gardener & Ellerbey, two-storey roughcast dwelling, brick front, Caroline ave., $1,600; N. Boynes, two-storey brick dwelling, Davenport place, $2,000; D. Todd, pair two-storey roughcast dwellings, Hamilton street, $2,600; John J. Smith, two-storey roughcast dwelling, brick front, Emerson ave., $1,400; H. G. Thayer, two pair two-storey brick veneered dwellings, cement foundations, St. Clarens ave., near College, $5,000; J. R. Marshall, two pair two-storey brick dwellings, 380 to 388 Givens street, $7,300; John Russell, pair and three attached two-storey brick dwellings, 26 to 34 Logan ave., $7,500.

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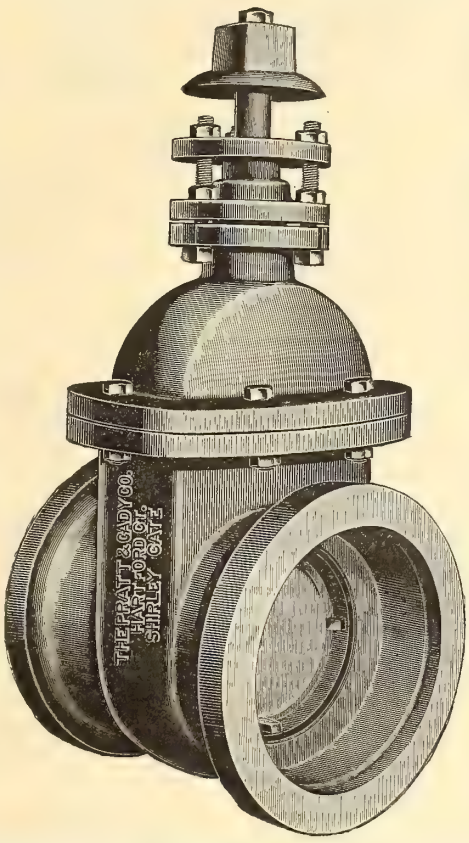

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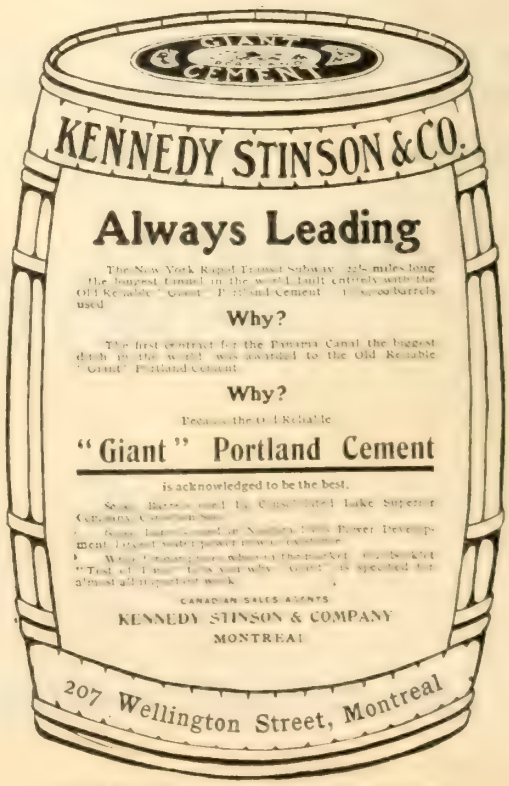

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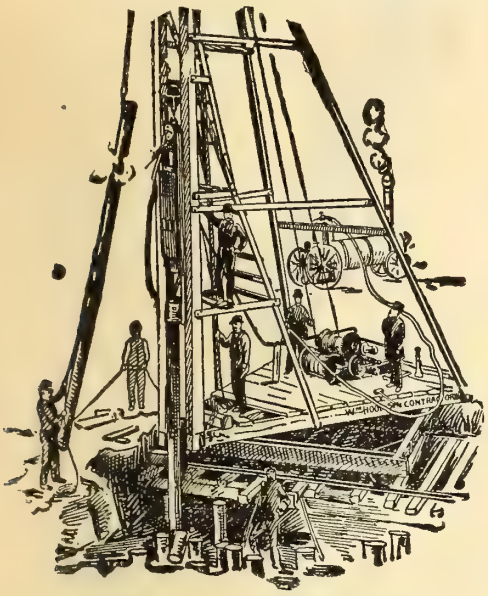

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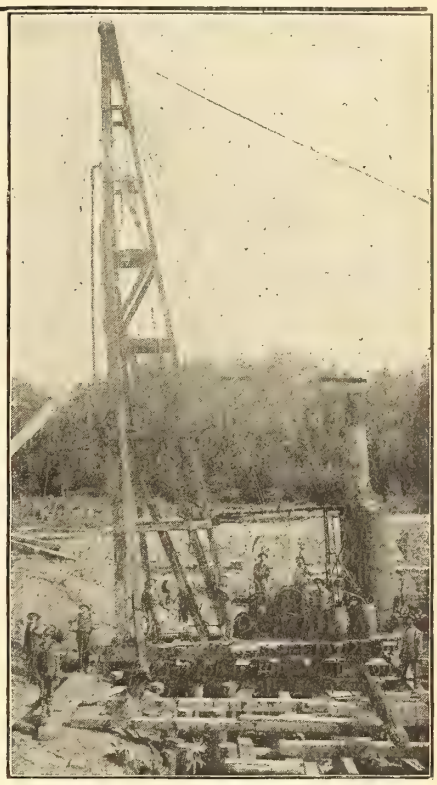

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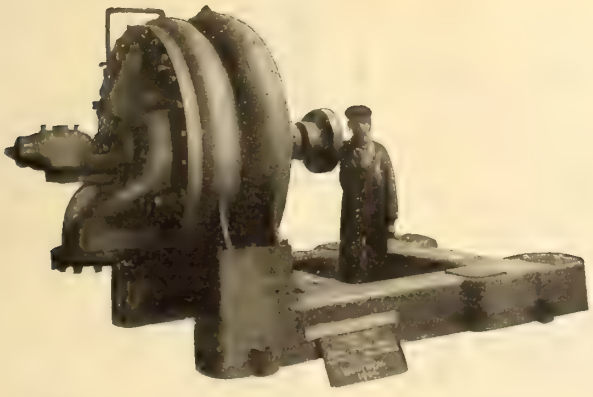

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Carpentry, O. C. Speagle, of Westport; brickwork, Alex. Eaton, this place.

LINDSAY, ONT. — Construction of granolithic walks: Maple Leaf Paving Co., Simcoe, successful tenderers.

PORTAGE LA PRAIRIE, MAN.—Two 66-inch boilers and a 250,000 gallon steel water tower: Manitoba Iron Works, Winnipeg, successful tenderers.

ELORA, ONT. — Granolithic walks: Royal Artificial Stone Paving Co., Guelph, successful tenderers, 8½ cents per foot. Ten tenders were received.

PETERBORO, ONT.—Rupert H. Bradburn has signed a contract with the New York Theatrical Stock Exchange for erection of a $30,000 opera house here.

STRATHCONA, N.W.T.—Excavation, pipe-laying, and back-filling of sewers and water mains and setting hydrants and valves: Dietz & Main, successful tenderers, $51,130.

ST. THOMAS, ONT. — Remodelling Holy Angels church: Architect, N. R. Darrach; masonry, George A. Ponsford; carpentry, Fred Reath; slating, C. Riddle.

MOOSE JAW, N. W. T.—Photographic studio for N. J. Porter: Little & Latimer, contractors, cost about $6,000.—Store for Doctor Bros: Ellis & Sons, contractors, cost $6,000.

EDMONTON, N.W.T. — Construction of cement walks: W. J. Carter, successful tenderer, $28,323.—Addition to Alberta College: McDonald & Johnston, contractors, $14,306.

CHATHAM, ONT. — Dredging at Belle River: Chatham Dredging Co., this place, successful tenderers. — Residence for W. T. McEachren, of Mull: Blonde Lumber & Manufacturing Co., contractors.

VICTORIA, B.C. — Residence for B. Wilson, Rockland ave.: S. McClure, architect; George Calder, contractor.—James MacDonnell, of Montreal, has secured the contract to build the C.P.R. Nicola branch, cost about $1,500,000.

MONTREAL, QUE.—New fire station in St. Denis Ward: Masonry and excavations, O. Martineau, $2,380; iron work, Dominion Bridge Co., $1,637; carpentry, H. Forgues, $4,300; plumbing, roofing, heating, painting, plastering, etc., Charles Benard, $6,345.

ST. JOHN, N. B.—New buildings for James Pender Co.: F. Neil Brodie, architect; S. A. Williams, contractor; R. E. Corbett, sub-contractor for masonry. There will be a machine room 48 x 40 ft., wire mill 60x100 ft., cleaning house 46x78 ft., rod warehouse 50x86 ft., engine room 25x38 ft. and boiler house 25x40 ft., all built of brick laid in cement mortar.

WINNIPEG, MAN.—Terrace of three houses on Smith street for Philip Marrin: James Chisholm, architect,; Filey & Wilson, contractors; brick and stone, three stories and basement, cost $14,000.—Business and apartment block on Portage ave., opposite the Eaton store: Carpentry, Dey-Manson Building & Construction Co.; masonry, Davidson Bros.; cost $60,000.

CALGARY, N. W. T.—Lawson & O'Gara, architects, have awarded the following contracts for the new Hotel Calgary for T. J. S. Skinner: Brick and stone, T. A. Brown; carpenter and joiner, J. C. McNeill; heating and plumbing, William Head; metal work, Ashdown Hardware Co.; electric work, North-West Electric Co.; cost about $50,000. — For three-storey stone business block for D. McDougall, jr., they have accepted the following tenders: Stone, brick and carpenter work, McNeill & Brown; electric work, North-West Electric Co.; metal work, Ashdown Hardware Co.; plumbing, heating and gas-fitting, W. Head. Cost $45,000.—House and store building for Neil Fraser: Lawson & O'Gara, architects, Nelson & Evans, contractors.—Flour mill and elevator for Calgary Milling Co.: C. E. Benell, contractor, cost $100,000. Electric power will be used.

TORONTO, ONT.—Five tenders were received by the Board of Control for construction of waterworks tunnel across the bay, as follows: No. 1, $318,975; No. 2, $443,000; No.3, $269,000; No.4, $637,000; No. 5, $379,000. Tender No. 3, submitted by M. J. Haney, has been accepted. The price is $100,000 below the City Engineer's estimate. — The Hamilton Bridge Co. have secured the contract for steel work for the new Traders' Bank building.—Erection of Cowan ave. fire hall: Masonry, H. Lucas & Son, $9,179; carpentry, John McLeod, $5,500; steel work, Dominion Bridge Co., $1,320; plastering, T. Gander & Son, $916; roofing and galvanized iron, George M. Bryan, $950; painting, J. R. Robinson, $655; plumbing and steam fitting, Harrison & Robinson, $1,408 and $1,496; electric wiring, Keith & Fitzsimmons, $150.

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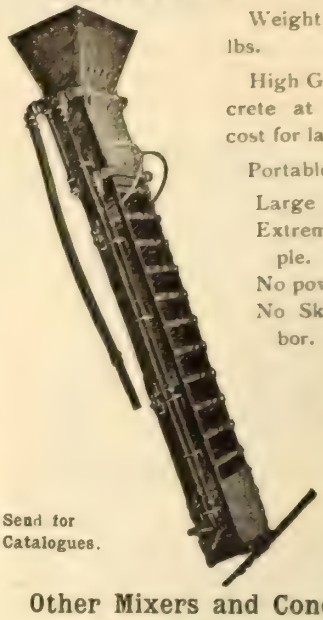
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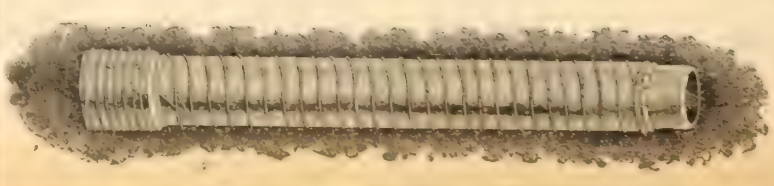

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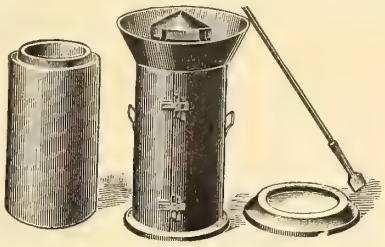

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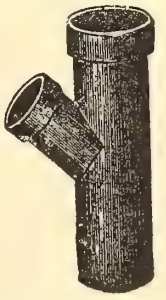
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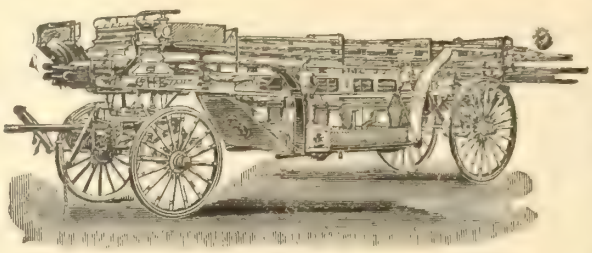

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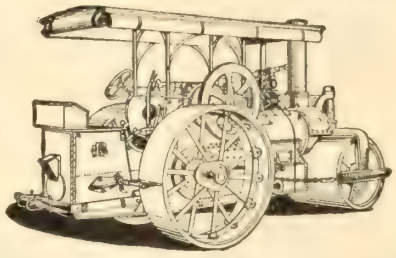

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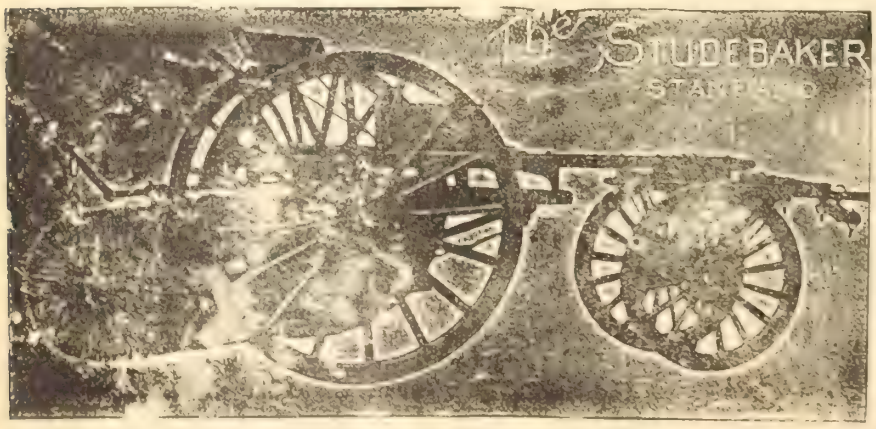

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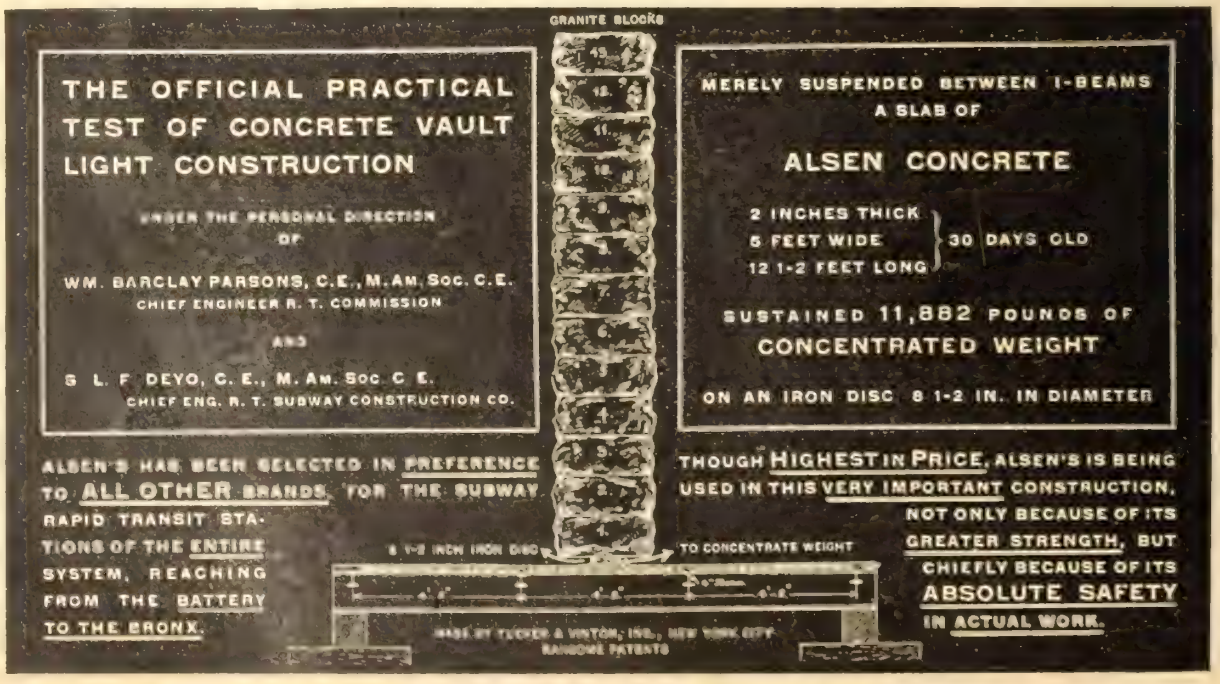

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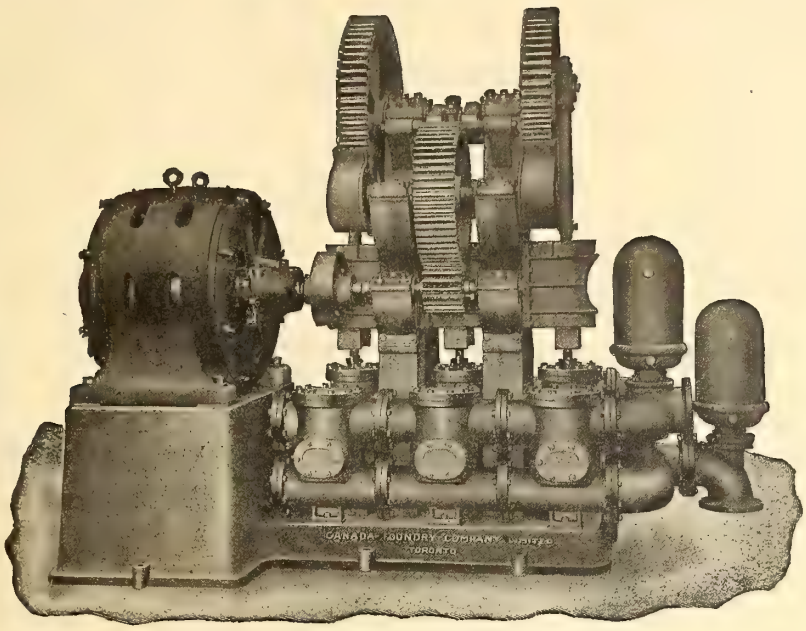

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Large Capacity and High Pressure

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Cast Iron Pipe, Valves, Hydrants, Fountains, Water Towers, Stand Pipes, Boilers, Etc.

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District Offices: MONTREAL HALIFAX OTTAWA WINNIPEG CALGARY VANCOUVER ROSSLAND

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Valve Boxes and general Water Works Supplies

Works at: LACHINE, QUE. THREE RIVERS, QUE LONDONDERRY, N. S.

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CAST IRON PIPE

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For Water, Gas, Culvert and Sewer

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ALL CAPACITIES

ANY COMBINATION OF POWER

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You'll get just the machine to suit your special need.

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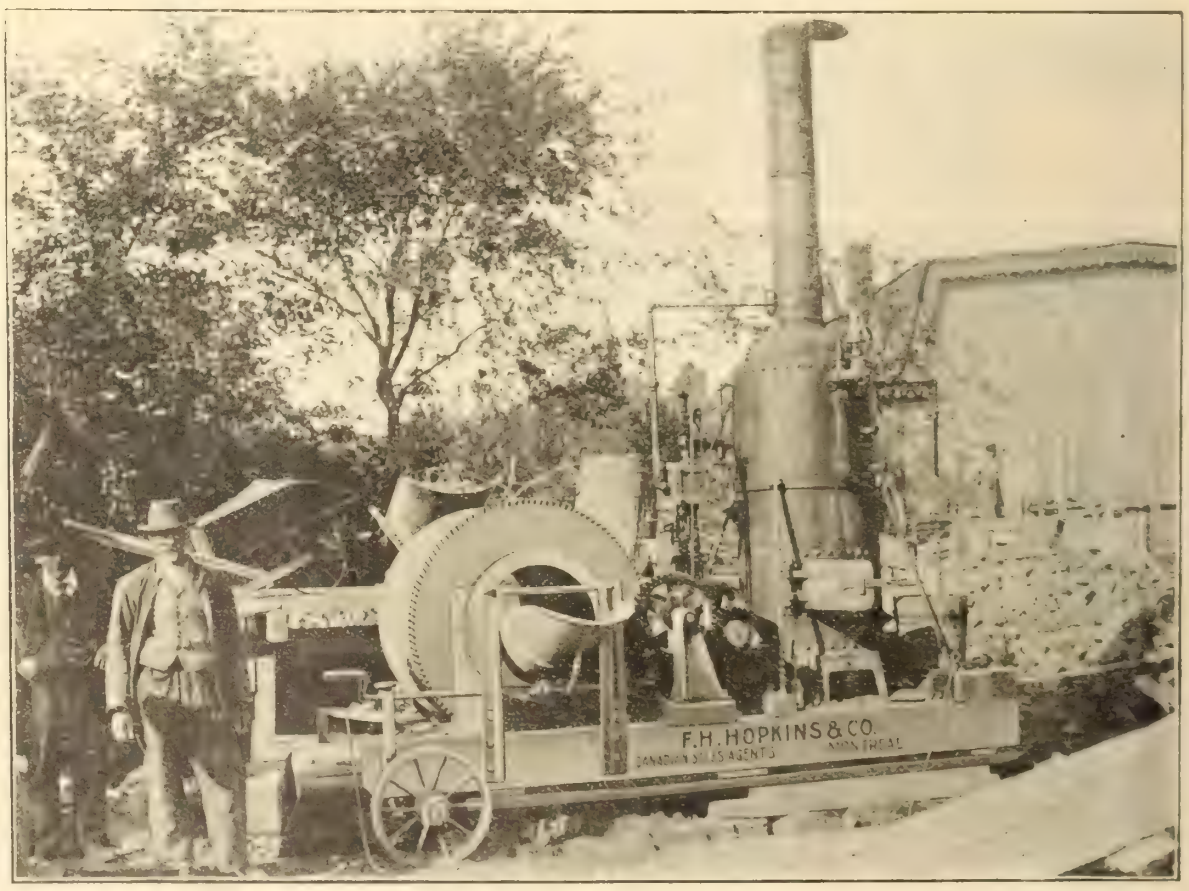

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F. H. HOPKINS & CO.

MONTREAL, QUE.

CANADIAN

Contract Record

A Weekly Journal of Public Works, Tenders, Advance Information and Municipal Progress

This Paper Reaches Every Week the Town and City Clerks, Town and City Engineers, County Clerks and County Engineers, Purchasers of Municipal Debentures and Leading Contractors in All Lines Throughout Canada

VOL. 16. TORONTO, MONTREAL — JUNE 21, 1905 — WINNIPEG, VANCOUVER No. 17

THE CANADIAN CONTRACT RECORD
PUBLISHED EVERY WEDNESDAY

As an Intermediate Edition of the Canadian Architect and Builder.

THE C. H. MORTIMER PUBLISHING COMPANY
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Notice to Contractors

Sealed tenders, endorsed "Tenders for Bridges", and addressed to J. A. Cockburn, Township Clerk, Crysler, Ont., will be received up to twelve o'clock, noon, on THURSDAY, THE 29TH DAY OF JUNE, 1905, for the making of the necessary excavations for and the construction of concrete piers, and the building of approaches for bridges to cross the Payne River on the roads between the 8th and 9th Concessions, the 4th and 5th Concessions and the 3rd and 4th Concessions. Tenders to be submitted for two styles of piers, viz., for solid concrete and for steel reinforced.

Plans and specifications may be seen at the office of J. A. Cockburn, Clerk, Crysler, and at the office of W. H. Magwood, Engineer, Cornwall, on and after the 15th inst.

Ten per cent. of amount of tender must accompany same

The lowest or any tender not necessarily accepted.

(Signed) W. E. CRAIN, Reeve.
(Signed) J. A. COCKBURN, Clerk.
(Signed) W. H. MAGWOOD, Engineer.

June 5th, 1905.

Tender for Bridge

Sealed tenders addressed to Wm. Pedwell, Reeve of Sarawak, will be received up to 6 p. m., 23RD DAY OF JUNE, for the construction of the following:—

1st. The construction of a steel bridge, span 80 feet c. to c., width of roadway 16 feet, live load 80 lbs. per sq. ft. and moving load 6 tons on 6 foot axles, cedar floor and steel joists.

2nd. The construction of 2 concrete abutments containing 220 c. yds., removal of old bridge, and filling behind abutments.

3rd. The construction of a concrete arch.

Site, Bay View near Owen Sound.

An accepted Bank Cheque payable to Treasurer Tp. of Sarawak to the amount of 5%, must accompany each tender, the same to be forfeited if the tenderer decline the contract, or fail in the performance thereof, and will be returned in case of non-acceptance.

The lowest or any tender not necessarily accepted.

Plans and specifications may be seen at Reeve's or Engineer's office.

WM PEDWELL, ESQ., Reeve,
Brookholm P. O.
McDOWALL, C. E., Tp. Engineer,
Owen Sound.

Brookholm, 30th May, 1905.

TENDERS

will be received by the undersigned up to MONDAY, JULY 3RD, 1905, for the following debentures of the Village of Teeswater:

$2000 Loan Debentures payable in ten years with interest at 4 per cent.

$1862.97 four per cent. General Side-walk Debentures payable in 18 annual instalments of $147.16 each.

$1419.64 four per cent. Local Improvement Debentures payable in twenty annual instalments of $104.46 each.

JOHN FARQUHARSON,
Clerk of Teeswater.

Tenders Wanted

Sealed tenders will be received up to 5 o'clock p.m. on WEDNESDAY, THE 28TH INST., for the several works required in carrying out the midsummer repairs at the various Separate Schools. Tenders to be addressed to J. Cadaret, Esq., Chairman of Sites and Building Committee, Separate School Board, 28 Duke street. Toronto.

Specifications may be seen and all information obtained at the office of the architect, ARTHUR W. HOLMES, 10 Bloor street east. Each tender must be accompanied by the deposit mentioned in the specification. The lowest or any tender not necessarily accepted.

TENDERS WANTED

Tenders will be received up to JULY 3RD for the erection of a Church and Sabbath School Building for the First Presbyterian Church, Port Hope.

Plans and specifications may be seen at Mr. R. A. Mulholland's Store, Port Hope, or at the office of Messrs. Bond & Smith, Architects, 160 Bay St., Toronto.

The excavation under the entire building is completed.

The lowest or any tender not necessarily accepted.

Address all communications to

R. A. MULHOLLAND,
Chairman of Building Committe,
Port Hope.

Port Hope, June 17, 1905.

Tenders for Erection of Reservoir

Sealed tenders, addressed to the Chairman of the Fire, Water and Light Committee, for the construction of a covered concrete reservoir to hold 6,000,000 imperial gallons, will be received at the office of the undersigned up to 3.30 p.m. on MONDAY, JULY 3, 1905.

Plans may be seen at the office of H. N. Ruttan, city engineer, Winnipeg, Canada, from whom specifications and forms of tender may be obtained.

Each tender must be accompanied by an accepted cheque, draft or cash deposit for the sum called for in the form of tender supplied, which will be subject to forfeiture in case of failure on the part of the contractor to enter into a written contract with approved sureties if called upon to do so.

The city reserves the right to reject any or all enders or to accept any bid which appears dvantageous to the city of Winnipeg.

C. J. BROWN,
City Clerk.

City Clerk's Office,
Winnipeg, May 27, 1905.

TENDERS

The Corporation of the Town of Bracebridge will receive tenders up to JULY 1ST, for a single Span (190 ft.) Steel Bridge with 20 ft. roadway and 6 foot walk on one side, also for Cement Abutments (on piles) for same.

Tenders may be for the whole work or either or both separately, and will close on 1st day of July next.

Plans and specifications may be seen at the office of the Engineer, Public Works Department, Toronto, or at the Clerk's office in the town of Bracebridge, where all tenders should be sent.

Lowest or any tender not necessarily accepted.

ALEX. C. SALMON, Town Clerk.

Bracebridge, June 13th, 1905.

TENDERS FOR BRIDGE

Sealed tenders addressed to the Chairman Board of Works, Owen Sound, Ont., will be received up to 6 p.m. of FRIDAY, the 14TH DAY OF JULY, for the construction of either of the following:—

1. Two Reinforced Cement Concrete Arches with centre pier, each span 50 ft. clear, roadway 24 feet in width, with two cement concrete sidewalks 6 ft. in width, live load 150 lbs. per sq. ft.

2. One Steel Deck Trussed Bridge, 100 feet span c-c, 24 foot roadway, two cement concrete sidewalks 6 feet in width, reinforced cement concrete floor, live load 120 lbs. per sq. ft., moving load one 18 ton steam road roller.

3. Two Cement Concrete or Rock Ashlar Abutments containing some 205 c. yds.

An accepted bank cheque, payable to Treasurer Town of Owen Sound, to the amount of 5 per cent., must accompany each tender, the same to be forfeited if Contractor decline the contract or fail in the performance thereof and will be returned in case of non acceptance.

The lowest or any tender not necessarily accepted.

Plans and specifications may be seen at the office of Town Engineer.

R. McDOWALL, C.E.,
Town Engineer.

W. H. McCLARTY, Esq.
Chairman Board of Works.

Notice to Contractors.

Sealed tenders, endorsed "Tenders for River Aux Raisin Drainage Scheme", and addressed to H. E. Hodgins, Esq., Township Clerk, Osnabruck Centre, Ont., will be received up to 12 o'clock, noon, of the 27TH DAY OF JUNE, A.D. 1905, for the construction of that part of the River Aux Raisin Drainage Scheme within the limits of the Township of Osnabruck, also separate tenders for the construction of the bridges as required by the said drainage scheme in the Township of Osnabruck. Contractors are also requested to send in similar tenders for the whole work both in the Townships of Osnabruck and Cornwall. Plans and specifications may be seen at the office of H. E. Hodgins, Township Clerk, Osnabruck Centre, and W. H. Magwood, Engineer for the Township of Osnabruck, and A McNaughton, Engineer for the Township of Cornwall, on and after this date.

A certified cheque for ten per cent. of the amount of tender for the work in the Township of Osnabruck must accompany the same. The lowest or any tender not necessarily accepted.

Dated this 8th day of June, A.D. 1905.

JAMES MARTIN, Reeve.
H. E. HODGINS, Tp. Clerk.

By: HARKNESS & MILLIGAN,
Solicitors for the Township of Osnabruck.

[FOR ADDITIONAL ADVERTISEMENTS FOR TENDERS SEE NEXT PAGE.]

TOWN OF WALKERVILLE

Tenders for

GRANOLITHIC SIDEWALKS

Sealed tenders will be received by registered post addressed to the undersigned, up to noon on FRIDAY, THE 30TH DAY OF JUNE 1905, for the construction of Granolithic Sidewalks on the following streets:

On the north side of Cataraqui street, from Victoria to Monmouth road, five feet wide and three feet from the curb line.

On both sides of Niagara street, from Monmouth road to Walker road, five feet wide and three feet from the curb line.

On both sides of Tuscorora street, from Victoria road to Devonshire road, five feet wide and three feet from the curb line, all in the Town of Walkerville.

Plan and specifications may be seen on application to Mr. Owen McKay, C. E., Walkerville. Tenders must be accompanied by a marked cheque, made payable to the Town Treasurer, equal to 5% of the amount thereof.

Should any party whose tender is accepted or his sureties fail to execute the necessary contract and bond for the due fulfilment of the same, his deposit will be forfeited to the town. Deposits of unsuccessful tenderers will be returned.

The lowest or any tender not necessarily accepted.

The names of two responsible persons willing to act as sureties must accompany each tender.

CECIL H. ROBINSON,
Town Clerk.

Walkerville, 15th June, 1905.

TOWN OF INDIAN HEAD, N. W. T.

TENDERS

FOR

Supply of Water Pipe and Specials

Sealed tenders for all or part of the following Water Pipe and Specials, will be received by the Town Council of Indian Head, N. W. T., on or before 4 p. m. MONDAY, JUNE 26TH, 1905, viz.:

(A) Wooden Water Pipe and Specials

11,000 lineal ft. 12" dia. for 25 lbs. working pressure.
11,000 lineal ft. 10" dia. for 50 lbs. working pressure.
11,000 lineal ft. 10' dia. for 90 lbs. working pressure.
100 lineal ft. 6" dia. for 90 lbs. working pressure.

33,100 total straight wooden piping.

Two Tees 6" off 12" for 25 lbs. working pressure.
Two " 6" " 10" " 90 " "

Five 6" Gate Valves
Four 10" " } With cast iron boxes
Two 12" " } for trench 6½ ft. deep.

(B) Cast Iron Water Pipe and Specials

100 lineal ft. 10" dia. 70 lbs. per ft.
1,500 " 10" " 66 " "
6,500 " 8" " 45 " "
5,500 " 6" " 30 " "

13,600 total straight cast iron piping—280 tons.

Special castings, consisting of tees, crosses, bends, reducers, sleeves, plugs and caps—7 tons.

(C) Valves and Hydrants

Two 12" Gate Valves
Three 10" "
Fifteen 8" "
Eight 6" "
One 10" horizontal swinging check valve.
Thirty-one Fire Hydrants having two 2½ nozzles, with 5" valve opening and 6" inlet.
} With cast iron boxes. Trench 7½ ft. deep.

Specifications may be seen at the Secretary-Treasurer's office, Indian Head, N. W. T., or at the ffice of JOHN GALT, Consulting Engineer, Toronto, or will be mailed on application to either office.

Each tender must be accompanied by an accepted bank cheque for 5% of the total amont of the tender as security for proper fulfilment of the contract.

The right is reserved to reject any or all tenders.

O. J. GODFREY, Town Clerk.

Tenders for Sidewalks

Sealed tenders [illegible] up to noon JUNE [illegible] for the [illegible] of certain Cement Sidewalks in the Town of Collingwood, in all about 25,000 sq. ft.

Specifications may be seen at the Town Clerk's office on application.

The lowest or any tender not necessarily accepted.

J. G. PETERMAN,
Chairman Board of Works.

June 12th, 1905.

CONTRACTS OPEN.

BELMONT, MAN.—A large hotel will be built here by J. Nelson.

HINTONBURG, ONT.—G. A. Mason will rebuild his planing mill.

GILBERT PLAINS, MAN.—C. C. Baker will erect a two-storey building.

PHOENIX, B. C.—James Marshall intends building a hotel here to cost about $20,000.

HEWARD, N.W.T.—Steps have been taken for the building of a Methodist church.

MAGOG, QUE.—A public meeting will be held to discuss the waterworks question.

WALKERVILLE, ONT.—The Canadian Bridge Co. will erect an office building.

WESTVILLE, N.S.—The ratepayers are considering the borrowing of $20,000 for a waterworks system.

BLACK RIVER, N. B.—The Presbyterians have decided to build a new church, cost $5,000.

OSHAWA, ONT.—Tenders have just been taken by the town for construction of granolithic walks.

STANLEY, ONT.—James Williamson desires tenders by 29th inst. for erection of school house.

DELHI, ONT.—James A. Bell, C.E., of St. Thomas, is preparing plans for a railway culvert here.

MORRIS, MAN.—D. M. Ure will receive tenders up to 30th inst. for construction of pile bridge.

MELFORT, N.W.T.—The Bank of Commerce may build here.—An Episcopal church is spoken of.

SHUDENACADIE, N.S.—James A. Kirkpatrick wants tenders by 24th inst. for erection of a manse.

PETROLIA, ONT. — The Building Committee of the School Board are getting plans for new school.

WINDSOR, ONT.—It is said that the Michigan Central Railway will build an extensive foundry here.

PRESTONVALE, ONT. — William McFarlane desires tenders by 23rd inst. for erection of brick school.

ARNPRIOR, ONT.—John T. Wait has purchased a site on Elgin street on which to build a residence.

COLLINGWOOD, ONT.—John Wilson, architect, wants tenders by 27th inst. for erection of Y. M. C. A. building.

KINGSTON, ONT. — The Ontario Government will build another cottage in connection with Rockwood Asylum.

VERNON, B.C. — The Coldstream Ranch is planning an extensive irrigation scheme, estimated to cost $50,000.

EDMONTON, N.W.T.—Local capitalists have submitted a proposition to the City Council to build a theatre here.

PETERBORO, ONT. — The Fire, Water & Light Committee has recommended the purchase of new fire engine.

SEAFORTH, ONT. — The County Council will build a bridge between the townships of Peppersmith and Hibbert.

BARRIEFIELD, ONT. — Tenders are requested by Charles Belwa by July 1st for rebuilding a culvert at Moore's bridge.

AYLMER, ONT.—The Aylmer Iron Works desire a loan of $20,000 from the town for the purpose of extending their plant.

ST. JOHN, N.B.—D. R. Jack is now financing a scheme for the erection of a large apartment house, to cost about $100,000.

MONCTON, N.B.—The New Brunswick Telephone Co.'s exchange here is to be improved and modern switchboard installed.

BRACEBRIDGE, ONT. — The Council will receive tenders up to July 1st for superstructure and abutments of bridge.

BRADFORD, ONT.—The Council are still considering the employment of an engineer to report on a waterworks system.

OWEN SOUND, ONT.—The new Sunday school to be built by Knox church congregation will be 45×75 ft., cost $9,000.

ST. THOMAS, ONT.—The Granite Curling Club have definitely decided to build a new rink, of cement and brick, cost $10,000.

BEAUSEJOUR, MAN.—The School Board have decided to call for tenders for new four-roomed school, 40x60 ft., of cement blocks.

BROCKVILLE, ONT.—The Town Council have instructed an architect to prepare plans for the reconstruction of the Opera House.

NORTH TORONTO, ONT.—T. A. Gibson, Town Solicitor, is building a residence on corner of Yonge street and Roehampton ave.

MEDICINE HAT, N.W.T.—Tenders are about to be invited for remodelling of Toronto street school. Plans by W. T. Williams, architect.

BARRIE, ONT. — Thos. Kennedy, architect, is taking tenders up to 24th inst. for erection of brick-clad residence for Mrs. J. Whitebread.

DALHOUSIE, N.B.—The Town will engage an engineer to furnish estimates of probable cost waterworks, sewerage and electric light system.

GLACE BAY, N.S.—Tenders are requested by N. F. McNeil by July 4th for supply of water pipes, excavation of pipe line, laying and jointing.

ST BONIFACE, MAN.—The plans of V. W. Horwood, architect, of Winnipeg, have been accepted for new city hall here, to cost about $40,000.

NIAGARA FALLS, ONT. — The Building Committee for new hospital will report on plans on July 4th. The first building will cost about $12,000.

CARP, ONT.—The Township of Huntley are offering for sale $8,000 30-year 4½ per cent. debentures. Bids received by T A. Brown up to 26th inst.

CARTWRIGHT, MAN.—George Way, Clerk Municipality of Roblin, will receive tenders up to July 1st for erection of bridge over the Pembina river.

MOOSOMIN, N.W.T.—The tenders for erection of Town Hall are in excess of the appropriation and the ratepayers may be asked to provide an additional $4,000.

LAKE EDWARD, QUE.—An association to be known as the Lake Edward Sanitorium has been formed here for the purpose of building a sanitarium.

NEWMARKET, ONT.—A proposal to expend $10,000 on granolithic walks, waterworks extensions, and improvements to electric plant is under consideration.

FORT WILLIAM, ONT.—The ratepayers of Paipoonge Township will vote on a by-law July 8th to raise $2,500 for road improvements, including machinery. —J. C. Stinson, architect, wants tenders

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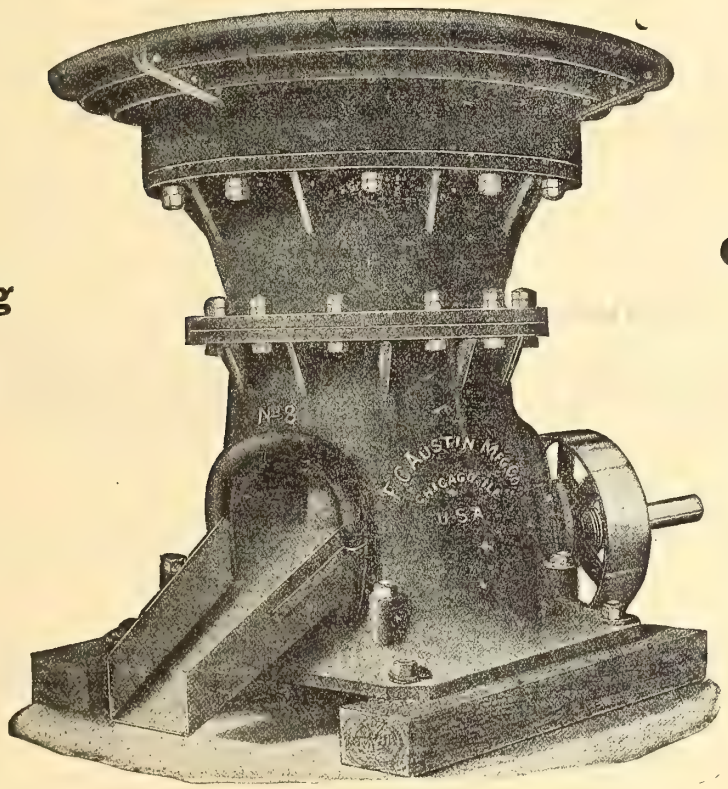

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for we know
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that of all Crushers made
The Austin is the strongest and least likely to get out of repair

W. H. C. Mussen & Co.

MONTREAL

by 24th inst. for erection of three houses for Vickers, Walsh & Co.

BOISSEVAIN, MAN.—The Turtle Mountain Milling Co. purpose building a mill here. A by-law to exempt the property from taxation will be voted on July 3rd.

ROSSLAND, B. C.—John Martin intends erecting a two-storey building on Wellington street and Fifth ave., also a building on Fifth ave. just east of Washington.

KINCARDINE, ONT.—The tenders on amended plans for addition to High school are still in excess of the appropriation and the Council may be asked to provide a further sum of $2,500.

WELLAND, ONT.—The Plymouth Cordage Co., an English concern, are said to have acquired a site here on which to build a Canadian factory.—M. Beatty & Sons purpose enlarging their foundry.

MOOSE JAW, N.W.T.—The Moose Jaw Telephone Co. has been organized to acquire the telephone system here. Charles Thomas will be manager. It is proposed to make improvements costing about $10,000.

CHEPSTOWE, ONT. — Greenock Council will receive tenders up to 26th inst. for superstructure of Riverside bridge. Ten new bridges will be required over the Teeswater river in the Township within the next five years.

VICTORIA, B.C.—It is understood that the Council will shortly be asked to submit a by-law to the ratepayers to borrow money to increase the electric light plant.—Dr. Garesche intends erecting a brick and stone building on Yates street.

INDIAN HEAD, N.W.T.—Tenders for supply of water pipe and specials and valves and hydrants are invited by O. J. Godfrey, Town Clerk, up to Monday, 20th inst. John Galt, C.E., Toronto, is the consulting engineer for the work.

PARRY SOUND, ONT.—E.E. Armstrong, Town Clerk, will receive tenders up to 26th inst. for building a dock for the town.—Tenders for erection of three-storey store and office building will be received by George Moore up to July 1st.

WESTMEATH, ONT.—The Township Council of Westmeath have passed a by-law providing for the issue of $5,000 of debentures for erection of public school in Section No. 2. Particulars from John Brown, Township Clerk.

CHATHAM, ONT.—A. M. Piper, architect, is this week taking tenders for erection of store and dwelling on King street for Albert Jahnke.—The County Council has laid over until the December meeting a by-law to raise $5,000 to assist in erecting the Jeannette creek bridge.

TORONTO JUNCTION, ONT.—Building permits were granted last week as follows: W. H. Paddon, brick dwelling, Laws street, cost about $1,600; W. J. Adair, pair brick dwellings, Davenport road, $1,500 each; J. H. Agnew, brick and stone dwelling, High Park avenue, $3,000.

FREDERICTON, N.B.—Plans have been completed for new exchange to be built here for the New Brunswick Telephone Co., cost about $6,000.—C. H. LaBillois, Commissioner of Public Works, will receive tenders up to July 10th for rebuilding Upper Sheffield low water wharf in Sunbury County.

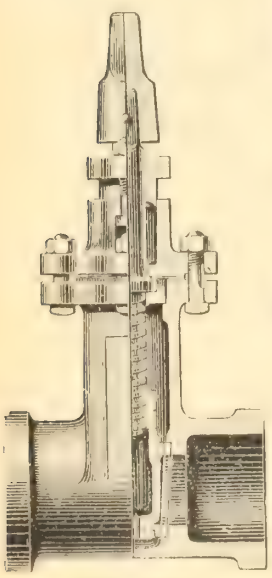
NEW WESTMINSTER, B. C. — The Canadian Pacific Railway Co. are considering the building of an electric railway between this city and Steveston. —Additions and improvements will this summer be made to the Columbia Methodist College, including a third storey to the main building.

EAST TORONTO, ONT. — The Council have decided to issue $15,000 of debentures for erection of High school.—An agreement has been reached between the Council and the Maestro Piano Co. for the erection by the latter of a piano factory here. The by-law will be submitted to the ratepayers.

MIDLAND, ONT. — The County Council appointed a committee to report upon the building of a bridge over the Mad river at Glen Huron. The erection of a 70-foot steel bridge at the Narrows is also under consideration.—Steps are being taken by the Grand Trunk Railway towards establishing a dry dock here.

PORT HOPE, ONT.—F. W. Galbraith has had plans prepared for two residences to be built on Brown street.—The congregation of the First Presbyterian church have accepted the plans for new edifice and tenders for construction will be invited immediately. Particulars from R. A. Mulholland or Thomas Long.

BRANTFORD, ONT.—Stewart, Witton & Taylor, architects, have prepared plans for an addition to the Laycock Home.—A committee have recommended that a steam heating system be installed in the Technical School.—It is understood that an option has been secured on property near the Grand Trunk station for the purpose of building a modern hotel.



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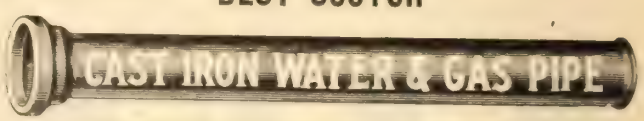

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BERLIN, ONT.—The Berlin Light Commission will ask the Town Council to submit a by-law to the ratepayers to provide $50,000 for alterations and improvements to the lighting plant, including the following: Installing electric and steam plant machinery, $15,000; extensions and improvements to gas plant, $14,000.

GUELPH, ONT.--McPhie & Mahony, architects, are preparing plans for a residence for Thomas Day, also for a residence for H. B. Callander, of the Louden Manufacturing Co., to be built on Park ave.—John Yule, manager of the electric light plant, operated by the corporation, has recommended improvements costing about $12,000 and including new engine, dynamo, 150 meters, 50 transformers and new pole line.

LONDON, ONT.—W. G. Murray, architect, is taking tenders up to 23rd inst. for erection of factory for Dennis Wire & Ironworks Co., 160 × 72 ft., two stories.—D. C. Wilson will build two two-storey cement block residences on Beaconsfield ave.—The Liberals of London have instructed an architect to prepare plans for an auditorium to be built on Queen's ave. Construction will be commenced this summer.

OTTAWA, ONT.—Plans have been prepared for repairs to St. Joseph's Separate school.—As soon as the session closes extensive improvements to the Parliamentary library and reading room will be commenced. An additional storey will be built to the reading room.—It is said that the Ottawa Lumber Co. will erect a planing mill at Hurdman's Bridge.—L. K. Jones, Secretary Department Railways and Canals, will receive tenders up to 23rd inst. for rip-rap and filling in at Cornwall canal.

VANCOUVER, B.C. — Plans have been prepared for a college to be built at North Vancouver, on land donated by J. C. Keith; estimated cost, $50,000.—Dr. Ernest Hall, of Victoria, has purchased the Hillside Hall on Burrard street and will convert it into a hospital.—Harvey Hadden, capitalist, has purchased a three-storey brick block on Granville street, between Dunsmuir and Georgia, which will be reconstructed, also 50 ft. of land on north side of Hastings street, between Carrall and Columbia ave., on which he will erect a three-storey brick and stone building.—Pither & Leiser, wholesale liquors, of Victoria, have decided to build a three-storey and basement brick block on Water street, this city, cost about $15,000. Thomas Hooper, architect, Victoria, is preparing the plans.

MONTREAL, QUE.—The congregation of the Annex Presbyterian church have decided to erect a new edifice on corner of Hutcheson and St. Viateur streets, at approximate cost of $17,000.—Architects are now preparing the plans for the new Senior school to be built on Sherbrooke street and work will be commenced this summer.—The Catholic School Commissioners will ask for tenders for a loan of $200,000, with which new schools will be erected in St. Eusibius parish and St. Helen's parish and the Olier, Champlain and Sarsfield schools will be enlarged.—The Trustees of the Emmanuel Congregational church are looking for a site for a new edifice and have made an offer for the Linton property on Sherbrooke street.—Mrs. W. A. Weir has been granted a permit for erection of three stone houses on Sherbrooke street, near McKay street, cost $30,000.—L. O. David, City Clerk, will receive tenders up to the 27th inst. for supply of cast iron pipes, special castings, lead pipe, pig lead, brass castings

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HAMILTON, ONT. — T. Beasley, City Clerk, wants bids by Thursday, 22nd inst., for purchase of $100,000 20-year 4 per cent. debentures.—Stewart & Witton, architects, are asking for tenders up to 23rd inst. for erection of Orange Hall.—Charles Mills, architect, is preparing plans for the new Bank of Hamilton building. It will be eight stories, of Connecticut brown stone and steel.—Engineers W. O. & O. C. Hammant have purchased property in Barton Township for the purpose of erecting thereon a factory for the manufacture of dump cars.—Building permits have been granted as follows: Peter McCulloch, two residences on Pearl street, between Peter and Napier streets, cost $2,800; Thomas Lovejoy, three residences, corner Nightingale and Wentworth streets, cost $5,000; Mrs. Cooks, addition to hotel, corner York and McGill streets; F. W. Bird & Sons, factory in the annex, north of Lottridge street, cost $18,000; Charles Kidd, brick residence on Barton street, cost $1,800.—The Presbyterian congregation on the mountain, of which Rev. A. C. Stuart is pastor, have decided to build a brick church.

WINNIPEG, MAN.—A. & W. Melville, architects, are this week taking tenders for erection of three residences on Ross ave. for Mrs. Arthurs.—F. R. Evans, architect, has just taken tenders on a frame residence on stone foundation for M. Krolik.—E. B. Nash, merchant, has purchased property on St. John's ave. on which he will erect a residence this summer.—It is reported that C. Kobold and Donald McKenty have bought the property bounded by Water street, Notre Dame ave. east and Main street on which to build a large theatre and restaurant.—J. A. M. De La Giclais, 515 Main street, are taking tenders on two residences.—The Great Western Insurance Co. are looking for a suitable site on which to erect a large office building.—A committee last week considered the plans for the new public hall and police station to be built by the city. It will probably be a month before they are finally accepted.—Among the important public works to be undertaken by the city are the following asphalt pavements: On Arlington steeet, from Portage ave. to Ida ave., cost $25,873; Warne street, from Portage ave. to Ida ave., cost $23,416; Victor street, from Wellington to Ellice ave., cost $17,589; Colony street, from Portage to Ellice

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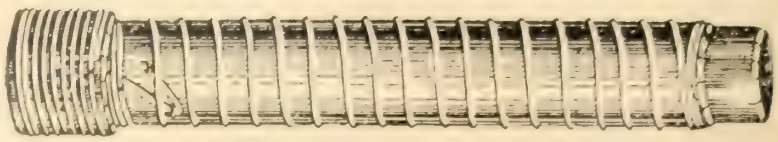

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ave., cost $10,748 ; on Notre Dame ave., from Charlotte to Ellen street, cost $8,360.

TORONTO, ONT.—Mancel Wilmot, architect, is asking for tenders up to Friday, 23rd inst., for erection of a public school in Section 13, Dovercourt.—Specifications of water pipe and specials required by the corporation of Indian Head, N.W.T., may be seen at the office of John Galt, C.E., 23 Jordan street. Tenders close Monday, 26th inst.—The Separate School Board, 28 Duke street, desire tenders by Wednesday, 28th inst., for midsummer repairs to schools. Specifications at office of A. W. Holmes, architect, 10 Bloor street east.—H. W. Martin, of the Gurney Foundry Co., wants tenders by July 1st for erection of residence on Ellice ave., Toronto Junction. Plans at office of Gurney Foundry Co., cor. King street and Spadina ave.—The Synod of Toronto have appointed a committee to procure plans for a Synod hall to be built in the central part of the city.—Plans are under consideration for the erection of a three-storey addition to St. Michael's Hospital on Bond street, to cost at least $50,000. The work will likely be commenced this fall.—The Eckardt Casket Co. and the Eckardt Silver Plate Co. have purchased over 300 feet of property on the south side of Niagara street, east of Tecumseh street, and will remodel the buildings thereon to meet their requirements.—The Board of Works last week adopted plans prepared by the City Engineer for three public lavatories, to cost $4,000 each.—The Public School Board have decided that the new school for the Howland ave. district shall be built on the corner of Wells street and Kendall ave.—The Canada Foundry Co. will build an addition to the Davenport works for the manufacture of water and gas pipe. —Building permits have been granted as follows: J. C. Foy, two-storey and attic stone dwelling, 24 Chestnut Park road, cost $10,000; H. S. Mara, pair 2½-storey brick and stone dwellings, east side of Grace street, near College, cost $4,600; W. B. Charlton, pair two-storey stone and brick dwellings, west side Fuller street, near Pearson ave., cost $3,000; W. R. Frith, pair two-storey brick dwellings, 160 and 162 Spruce street, cost $4,000; Wm. H. Hodgins, 2½-storey brick dwelling, Farnham ave., near Avenue road, cost $4,600; J. Bishop, two-storey and attic brick and stone dwelling, west side Markham street, near Harbord, cost $3,500; T. S. Montgomery, pair two-storey brick dwellings, 225 and 227 Brunswick ave., cost $4,000; Wm. H. Stone, two 2½-storey roughcast dwellings, cement block fronts, Pape ave., near Gerrard street, cost $4,000; J. H. Aberdeen, two pair two-storey and attic brick and stone dwellings, west side Gladstone ave., near College street, cost $8,000; James Wickett, pair two-storey and attic brick and concrete dwellings, east side Sumach street, near Amelia, cost $4,500; C. Coulter, pair two-storey and attic brick and stone dwellings, west side Bellwoods ave., near Arthur street, cost $4,000; C.

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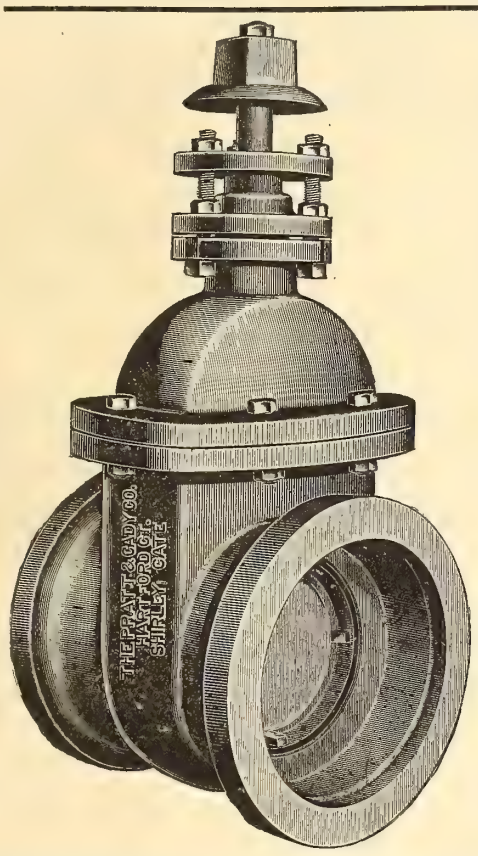

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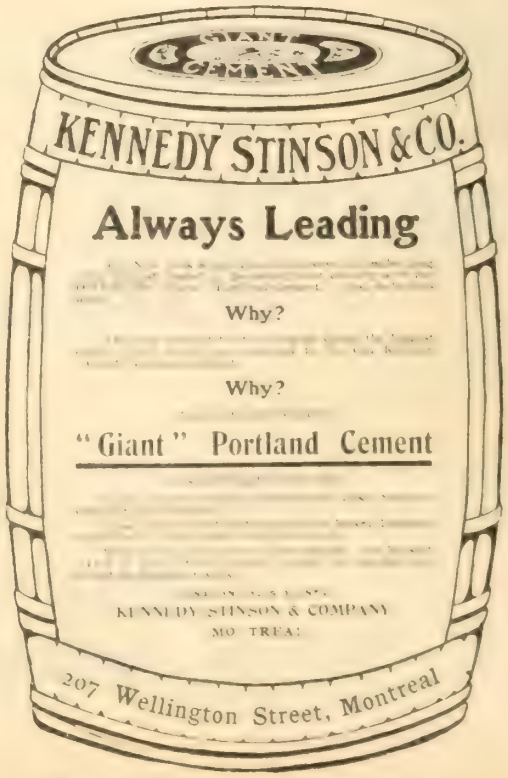

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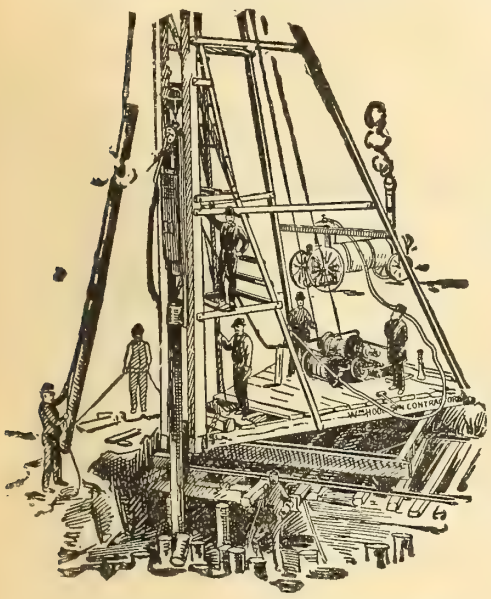

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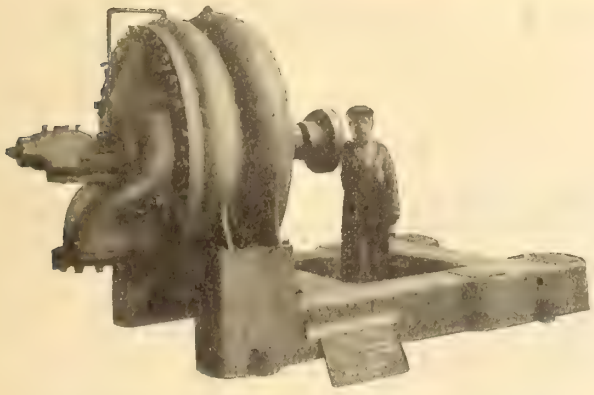

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SANDWICH, ONT.—New post office: George A. Proctor, of Sarnia, contractor.

SYDNEY, N. S. — Falmouth street Presbyterian church: R. Gillis, contractor.

PRINCE ALBERT, N.W.T.—Erection of St. Alban's church: T. E. Baker, contractor.

CHATHAM, ONT. — New Glassford hotel: James W. Carswell, contractor, cost about $10,000.

MEDICINE HAT, N. W. T.—Waterworks piping: James Rae, successful tenderer $1,627.20.

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NIAGARA FALLS SOUTH, ONT.—Residence on Robinson street for Ralph Smith: J. B. Stewart and S. E. Miller, contractors.

QUEBEC, QUE.—Alterations and improvements to Methodist church: W. Sharp and L. F. Peters, contractors, price about $13,000.

IROQUOIS, ONT.—$9,702.70 20 year 4½ per cent. debentures: Wood, Gundy & Co., Toronto, successful tenderers, $9,757.70 and accrued interest.

COLLINGWOOD, ONT.—Alterations to Fair block on Hurontario street: Architect, F. T. Hodgon; brick work, Arrhur Court; woodwork, Wilson Bros.

FORT WILLIAM, ONT.—Granolithic walks: James Tonkin, successful tenderer, 28 cents for Stewart street, 23 for John and Archibald, and 24 for syndicate.

ROSSLAND, B. C.—The contract for additional electrical apparatus for the West Kootenay Power & Light Co. has been secured by the Canadian General Electric Co.

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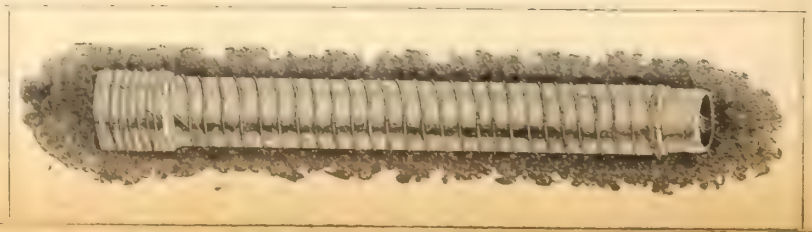

NEW CITY ENGINEER OF VANCOUVER.

Mr. W. A. Clement, who has been appointed City Engineer of Vancouver, B. C., at a salary of $3,000 per year, graduated from the School of Practical Science, Toronto, in 1889, after which he was employed for a short time on the Welland canal. Since 1890 he has been a member of the staff of the City Engineer of Toronto. For three years he was engineer in charge of roadways, and in that capacity gained much valuable experience, having had the supervision of work involving over $1,500,000. Since 1901 he has been engineer in charge of sewers. He is a member of the

Mr. W. A. Clement.

Canadian Society of Civil Engineers and of the Engineers Club of Toronto.

Mr. Clement assumed the duties of his new position early in June.

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Clark Manufacturing Company, of Toronto, incorporated, capital $40,000, to make headwear and specialties. Directors, A. R. Smith, Toronto ; A. Ash, J. C. Watson, A. McGowan and A. A. Clark, London.

Toronto Construction Company, Limited, Toronto, incorporated, capital $200,000. Directors, G. S. Deeks, A. B. Cook, W. Winters, H. H. Boomer and T. R. Hinds.

Carter Powell Land & Lumber Company, Limited, Toronto, incorporated, capital $50,000. Directors, F. Rielly, W. Pinkerton, H. M. Marton, J. B. Bartram and A. R. Clute.

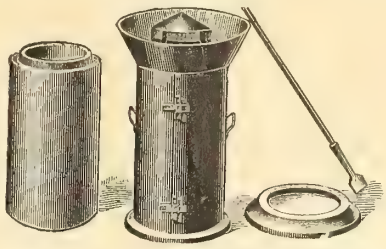
Puritan Knitting Mills, Limited, Toronto, incorporated, capital $40,000. Directors, J. W. Woods, G. A. Woods and W. J. Craig.

Chatham Steam Heating Company, Limited, Chatham, Ont., incorporated, capital $40,000. Directors, G. W. Kipp, E. Whalen, J. T. O'Keefe, W. N. Warburton and N. H. Stevens.

Manning Wood Fibre Company, Limited, Toronto, incorporated, capital $100,000, to manufacture excelsior. Directors, W. W. Thompson, T. Porter and H. Manning.

Doolittle & Wilcox, Limited, Hamilton, Ont., incorporated, capital $100,000, to quarry stone, lime, etc. Directors, C. M. Doolittle, H. W. Wilcox and F. W. Schwendiman.

Ottawa Cement Block Company, Limited, Ottawa, Ont., incorporated, capital $10,000, to manufacture cement blocks and other building materials. L. S. Macoun, J. D. St. Denis LeMoine, G. S. May, R. Wright and C. A. Irvin, (manager), all of Ottawa.



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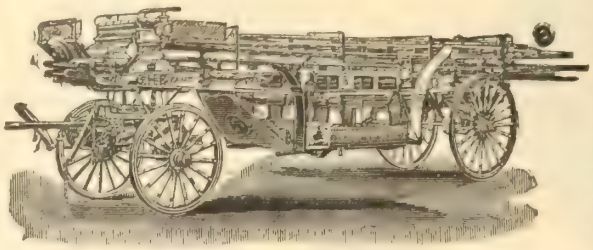

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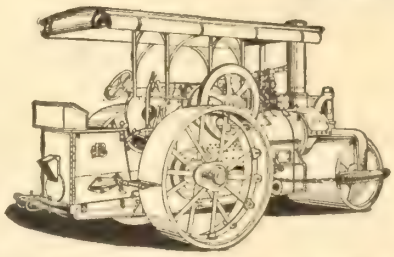

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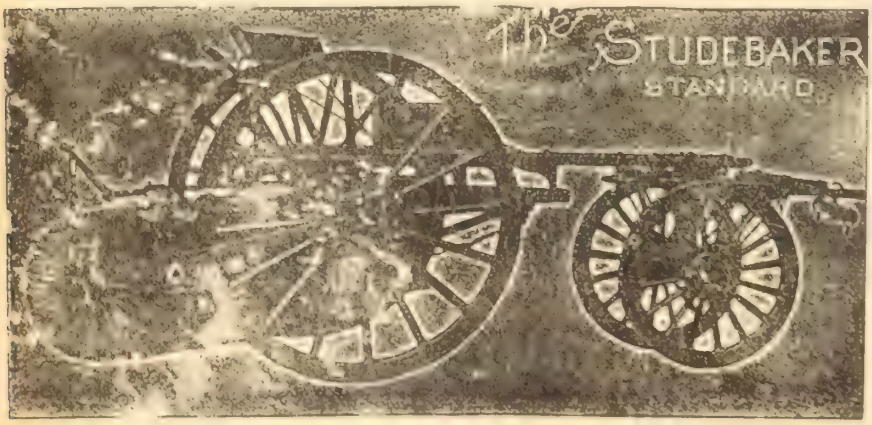

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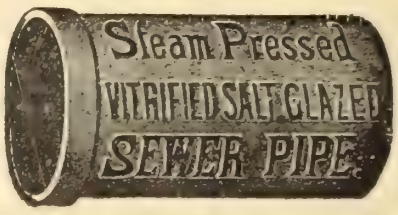

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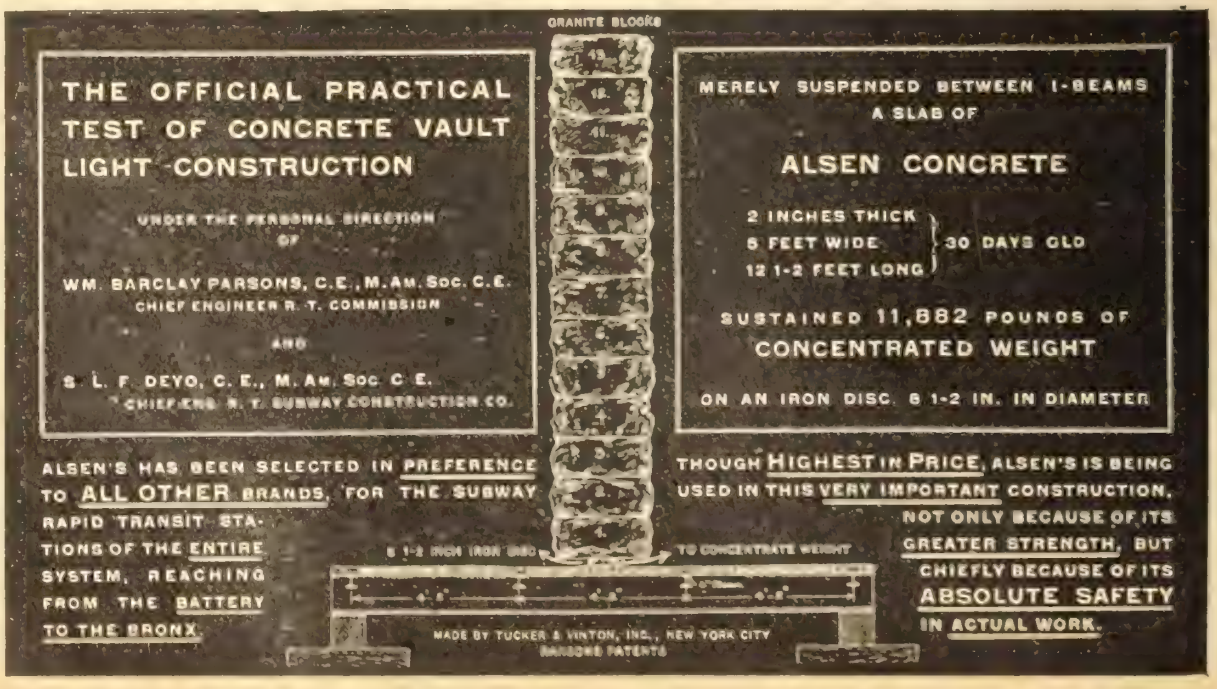

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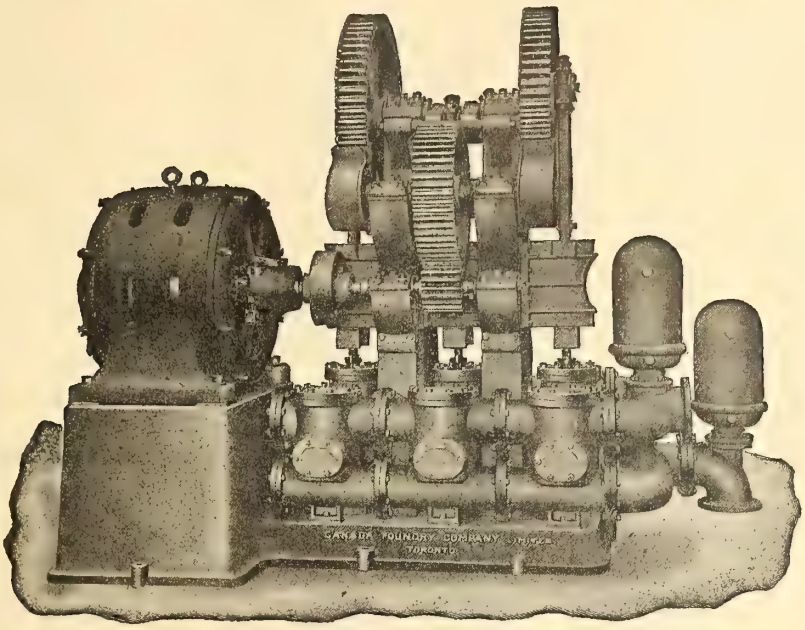

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Contract Record

A Weekly Journal of Public Works, Tenders, Advance Information and Municipal Progress

This Paper Reaches Every Week the Town and City Clerks, Town and City Engineers, County Clerks and County Engineers, Purchasers of Municipal Debentures and Leading Contractors in All Lines Throughout Canada

VOL. 16. TORONTO, MONTREAL — JUNE 28, 1905 — WINNIPEG, VANCOUVER No. 17

THE CANADIAN CONTRACT RECORD
PUBLISHED EVERY WEDNESDAY
As an Intermediate Edition of the Canadian Architect and Builder.

THE C. H. MORTIMER PUBLISHING COMPANY
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TENDERS

Will be received for all trades up to JULY 5TH for the erection of a Church, corner College street and Sheridan avenue. Lowest or any tender not necessarily accepted.

G. M. MILLER & CO., Architects,
Toronto.

DEBENTURES FOR SALE

Tenders will be received by the undersigned up to JULY 3RD, 1905, for the purchase of $10,000 4½% Town of Durham Debentures, repayable in 10 equal annual payments of principal and interest. The highest or any tender not necessarily accepted.

WM. B. VOLLET,
Town Clerk.

TENDERS WANTED FOR BRIDGES

TOWN OF LISTOWEL

Sealed tenders, addressed to the undersigned, will be received until 7 o'clock p. m. on the 10TH DAY OF JULY, for the construction of the following, viz:—

1st. The steel beams and expanded metal and concrete flooring for flat top bridges on Main and Wallace streets, approximate length 300 feet, 36 foot span in the clear.

2nd. The steel superstructure for bridge on Elma street, 36 foot span, with 14 foot roadway and 4½ foot sidewalk, and concrete and expanded metal flooring.

3rd. The construction of cement concrete abutments for above bridges, containing in all about 500 cubic yards.

4th. The removal of old bridges, excavations and back filling.

5th. About 5,000 square feet of granolithic paving, approaches to Wallace street bridge.

6th. The construction of reinforced concrete arch bridges of equal capacity, and guaranteed to sustain a moving load of 125 lbs. per square foot. Plans to accompany tender.

Contractors to give satisfactory security for the proper performance of the work if required.

The lowest or any tender not necessarily accepted.

Plans and specifications may be seen at my office.

W. E. BINNING,
Architectural Engineer,
Listowel, Ont.

Listowel, June 21st, 1905.

Tenders for Sidewalks

Sealed tenders, addressed to the undersigned, and marked "Tenders for Sidewalks," will be received up to 6 o'clock p. m. JULY 15TH, 1905, for the construction of Cement Sidewalks in the Town of Deseronto, in all about 12,000 square feet. Specifications can be seen at the Town Clerk's office.

The lowest or any tender not necessarily accepted.

ROBT. N. IRVINE,
Town Clerk.

Deseronto, June 22nd, 1905.

TENDERS

will be received by the undersigned up to MONDAY, JULY 3RD, 1905, for the following debentures of the Village of Teeswater:

$2000 Loan Debentures payable in ten years with interest at 4 per cent.

$1862.97 four per cent. General Side-walk Debentures payable in 18 annual instalments of $147.16 each.

$1419.64 four per cent. Local Improvement Debentures payable in twenty annual instalments of $104.46 each.

JOHN FARQUHARSON,
Clerk of Teeswater.

TENDERS WANTED

Tenders will be received up to JULY 3RD for the erection of a Church and Sabbath School Building for the First Presbyterian Church, Port Hope.

Plans and specifications may be seen at Mr. R. A. Mulholland's Store, Port Hope, or at the office of Messrs. Bond & Smith, Architects, 160 Bay St., Toronto.

The excavation under the entire building is completed.

The lowest or any tender not necessarily accepted.

Address all communications to

R. A MULHOLLAND,
Chairman of Building Committe,
Port Hope.

Port Hope, June 17, 1905.

FREDERICTON DEBENTURES

Sealed tenders, marked on the envelope "Tenders for Fredericton Debentures," and addressed to the undersigned, will be received until SATURDAY NOON, THE 15TH DAY OF JULY NEXT, for the following debentures to be issued by the City of Fredericton:

$4,000.00 in sums of $500.00 each, dated July 20th, 1905, payable in two years from issue, bearing interest at four per cent. payable half yearly. Issued under Act of Assembly of New Brunswick, 50th Victoria, Chapter 53.

Also:—$4000.00 in sums of $500 each, of the City of Fredericton Street Light Debentures dated October 1st, 1903, payable in thirty years from date of issue, bearing interest at 4 per cent. per annum from April 1st, 1905, payable half yearly. Issued under Act of Assembly of New Brunswick, 3rd Edward VII, Chapter 49.

Also:—$8,000.00 in sums of $500.00 each, dated July 20th 1905, bearing interest at 4 per cent. payable half yearly, and repayable $1,000.00 each year until the $8,000.00 has been retired. Issued under Act of Assembly of New Brunswick, 5th Edward VII, Chapter 55.

Parties may tender for the whole or any part of the above debentures.

The lowest or any tender not necessarily accepted.

By order of the City Council.

J. W. McCREADY,
City Clerk.

Fredericton, N. B., June 15th, 1905.

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4,490 lineal feet 4" × 24" Stone Curbing; 14 pieces 4 ft. 8½" long, 3 ft. radius Stone Curbing; also a supply of Cedar Posts suitable for Paving Blocks.

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TO CONTRACTORS

Sealed tenders will be received by the Building Committee up to JULY 21ST, 1905, for the building of a Methodist Church in the town of North Bay. Plans and specifications may be had on application to the following:—J. H. Shaw or Jas. Fowler, North Bay, and Burke & Horwood, Architects, Toronto. Lowest or any tender not necessarily accepted.

CONCRETE WALKS

NIAGARA FALLS, CANADA

Sealed proposals, addressed to John Robinson, City Clerk, will be received by the Corporation of the City of Niagara Falls, Canada, until 8 p m. MONDAY, JULY 10TH, 1905, for the construction of Concrete Walks, Section No. 7.

The works to be built under this section are about 40,000 square feet of Concrete Sidewalks, of widths 4 and 5 feet, and about 8,000 lineal feet of Concrete Curbing for the same.

Proposals must be on the proposal sheets supplied, and each one must be accompanied by a certified cheque for $600 00, payable to the City Treasurer, said cheque to be returned to the person making the proposal, unless he fails to execute the contract should it be awarded to him.

Plans and specifications may be seen, and forms of proposals may be obtained at the office of the Engineer, Niagara Falls, Canada, on and after Monday, the 26th June, 1905.

The right to reject any or all proposals is reserved to the Corporation.

WILLIAM PHEMISTER, Mayor.
JOHN H. JACKSON, Engineer.

Niagara Falls, Canada, June 24th, 1905.

CONTRACTS OPEN.

HARROW, ONT. — Dr. Sparling wants tenders by July 1st for building a cottage.

KEMPTVILLE, ONT.—George Tuck is preparing to build a three-storey concrete house.

HEPWORTH, ONT.—Plans have been accepted for a new Catholic church to be built here.

GODERICH, ONT. — The town's electric light plant is overloaded and will likely be enlarged.

BARRIE, ONT. — Eustace Bird, architect, has taken tenders on a residence on Peel street.

RAPID CITY, MAN.—The Council are taking steps towards securing a loan for erection of a town hall.

FALKENBURG, ONT.—Tenders invited by William Nasmith up to July 1st for construction of cement bridge.

SUSSEX, N.B.—The ratepayers have unanimously approved of the erection of a new school building to cost about $25,000.

WINGHAM, ONT.—Voting on the by-law for waterworks improvements takes place on July 5th.

ROTHESAY, N.B.—It is the intention of Dr. C. F. Gorham to build a residence here.

FRANK, N.W.T. — The Roman Catholics have purchased a site on which to build a church.

KENORA, ONT.—W. A. Weir, manager Imperial Bank, will build a summer residence near Coney Island.

NELSON, B. C.—Architect Carrie has been instructed to prepare plans for heating system for public school.

FORT WILLIAM, ONT.—John J. Wells wants tenders by July 4th for erection of brick veneer dwelling.

BURTT'SCORNER, N.B.—The ratepayers are considering the advisability of building a consolidated school.

EGLINTON, ONT.—The Zion Baptists are taking steps towards building a parsonage. Rev. P. McEwen, pastor.

ABERNETHY, N.W.T.—The Farmers' Elevator Co. expect to commence building operations at an early date.

PORT CARLING, ONT.—F. D. Stubbs, Village Clerk, will receive tenders up to 30th inst. for erection of town hall.

ST. BONIFACE, MAN.—The Council have decided to offer $50,000 towards the erection of a bridge over the Red river.

DUBLIN, ONT. — James Jordan, Township Clerk, will receive tenders up to July 10th for construction of the McGrath drain.

ARCOLA, N.W.T.—The tenders for erection of town hall were in excess of the appropriation and new plans are now being prepared.

NORWOOD, ONT.—The Methodist congregation have purchased a lot on Peterboro street on which to build a parsonage.

WESTON, ONT.—H. Jennings, of Brampton, has purchased three acres of land here on which he will build large greenhouses.

BATTLEFORD, N.W.T.—Bids received by R. C. Lauri up to July 15th for purchase of $2,000 ten-year 5 per cent. town debentures.

EDMUNDSTON, N.B. — Tenders have just been taken by J. E. Bernier, Town Clerk, for construction of a system of waterworks.

BROCKVILLE, ONT.—W. H. Osborne, Chairman Board of Works, is this week taking tenders on construction of granolithic sidewalks.

SASKATOON, N. W. T.—William P. Bate requests bids by July 3rd for $9,000 20-year 6 per cent. debentures of Nutanna public school district.

KINGSTON, ONT. — Dr. Ball, of Detroit, has made a proposition to the city to acquire the street railway and to build a new system.

CREEMORE, ONT.—A by-law to provide $5,000 for improvement of the waterworks system was carried by the ratepayers recently.

CHATHAM, ONT.—J. L. Wilson & Son, architects, have prepared plans and taken tenders for a brick veneer residence at the Cemetery.

STRATHCONA, N.W.T.—A three-storey block will be built by W. H. Sheppard.—Douglas Bros. intend building an addition to their store.

OSHAWA, ONT.—Thomas Morris, Town Clerk, will receive tenders up to June 31st for erection of brick veneer residence for the engineer.

SYDNEY, N.S.—Tenders are invited by D. M. Curry up to 29th inst. for erection of asylum at Sydney river. Plans by R. E. Whitten, architect.

NORTH TORONTO, ONT. — Charles Murphy will erect a dwelling and store on the south-east corner of Glenwood ave. and Yonge street.

SARNIA, ONT.—George Lucas requests tenders by July 3rd for renewing of steam heating and plumbing in the Model and Central schools.

DESERONTO, ONT.—R. N. Irvine, Town Clerk, will receive tenders up to July 15th for construction of cement sidewalks, about 12,000 square feet.

AURORA, ONT.—J. M. Willis, Secretary Public School Board, wants tenders by July 3rd for installation of three hard coal furnaces in school building.

CHIPMAN, N.B.—The erection of a new school building to cost about $4,500 will be commenced shortly. Particulars from Hon. G. G. King.

LUNENBURG, N S.—The construction of a sewerage system has been under consideration, but the ratepayers do not seem to favor the idea.

SACKVILLE, N.B.—Dr. Smith has recommended the building of an annex to the school in district No. 9 and the installation of a sewerage system.

LISTOWEL, ONT. — A by-law to raise $16,000 for construction of permanent steel and concrete bridges will be submitted to the ratepayers July 22.

MORDEN, MAN.—The Board of Trade have requested the Town Council to take steps towards the construction of a proper system of drainage for the town.

RIVERSIDE, N. B.—D. W. Stuart will receive bids up to July 12th for purchase of $10,000 25-year 4 per cent. school debentures issued for erection of schoolhouse.

EDMONTON, N.W.T. — Bowen & Fitzgerald have decided to erect a two-storey business block at corner of Third street and Jasper ave. instead of the proposed theatre.

GRISWOLD, MAN.—Rev. W. A. Burman, St. John's College, will receive tenders up to 30th inst. for erection of building for the Sioux Mission. Plans at the post office.

PEMBROKE, ONT. — The Pembroke Electric Light Co. have about completed the purchase of the Black River water power, where it is proposed to develop about 3,000 h.p.

ST. LOUIS, QUE.—Bids are requested by A. F. Vincent up to 30th inst. for construction of sewers and water pipes. Plans at office of J. Emile Vanier, 5 Beaver Hall square, Montreal.

QUEBEC, QUE. — James Woods, Secretary Harbor Commissioners, will receive tenders up to 30th inst. for construction of crib work. Cheque for $30,000 to accompany each tender.

BRANTFORD, ONT.—O. E. Truesdale intends building a residence on Chatham street.—Stewart, Witton & Taylor, architects, are preparing plans for remodelling the plant for the Brantford Gas Co.

VANCOUVER, B.C.—Maclure & Fox, architects, are taking tenders up to 30th inst. for erection of frame house at Cedar Cove.—Cooke & Tait contemplate installing new boiler and engine in their saw mill.

MEDICINE HAT, N.W.T.—William T. Williams, architect, will receive tenders up to July 3rd for erection of brick and cement stone town hall.—Mrs. Basset will build a large addition to the Cosmopolitan Hotel.

CALGARY, N.W.T.—Mr. Grant, of Macleod, has made a proposition to furnish the city with electric power, and the Council seem to be in favor of accepting it. His company propose installing a plant costing about $150,000.

BERLIN, ONT.—The Light Commission have recommended the purchase of one boiler, one 300 h.p. and one 150 h.p. engines and two generators for the electric light plant, also that improvements be made to the gas plant costing about $14,000.

PERTH, ONT.—The by-law to grant a bonus of $25,000 to H. K. Wampole & Co., of Philadelphia, to erect a factory here, was carried by a large majority. The company will build a three-storey factory 76 × 150 feet and costing about $50,000.

ROSSLAND, B C.—The C.P.R. are again said to be considering the utilization of electric power for the operation of their road between Rossland and Trail. —Surveys are now being made by the West Kootenay Power & Light Co. for their pole line from this place to Phœnix.

NEW WESTMINSTER, B. C. — Mayor Gerry has announced that he has induced English capitalists to subscribe $25,000 towards the erection of a modern hotel in this city. It will probably be located on the Douglas-Elliott square at corner of Sixth and Columbia streets.

WOODSTOCK, ONT.—The Water and Light Commissioners have submitted estimates to the Council for improvements costing $50,000 and including the building of a 2,000,000 gallon reservoir, cost $10,000, construction of pipe line, cost $8,000, purchase of new pump, cost $13,500, purchase of two generators, cost $5,200.

MITCHELL, ONT.—James Barnett, Town Clerk, desires bids by July 10th for purchase of $8,500 20-year 4½ per cent. debentures.—Charles Ward intends building a residence.—A by-law was carried here recently to raise $8,500 to complete the waterworks and electric light plants.

HALIFAX, N.S.—Herbert E. Gates, architect, is preparing plans for all the new buildings to be erected here by the Exhibition Commission. He has also prepared plans for additions to the premises of F. H. & W. T. Frances, this city, and for additions to residence of Jas. Simmonds at Dartmouth.

REGINA, N.W.T.—A committee has been appointed to raise $35,000 for a new Y.M.C.A. building.—W. M. Dodd, architect, will receive tenders up to July 1st for erection of basement walls and vault for the Bank of Montreal, also for erection of a brick veneered residence for the manager of the bank.—The Cockshutt Plow Co. will erect a three-storey brick building 60 × 100 feet.

PETERBORO, ONT.—The congregation of All Saints Church have decided to build a new edifice, for which J. E. Belcher is now preparing the plans.—The Climax Road Machinery Co., of Marathan, N.Y., are looking for a location for a Canadian factory. Their representative, John Robertson, was here recently in that connection.

TILBURY, ONT.—The Council are inviting plans from architects for a $10,000 public building, of brick, with stone or cement foundation, two stories, containing public library, customs office, post office, etc., with opera house above, all heated by steam.—A by law to raise $3,100 for extension of waterworks system will be submitted to the ratepayers July 17.

FORT FRANCES, ONT.—Emery & Thompson contemplate increasing their saw mill plant.—The Council have engaged J. Bradley to report on the probable cost of installing an electric light plant.—Residences will be built this summer by Magistrate Hollands, Dr. McKenzie, Alex. Mills, H. W. Hudson

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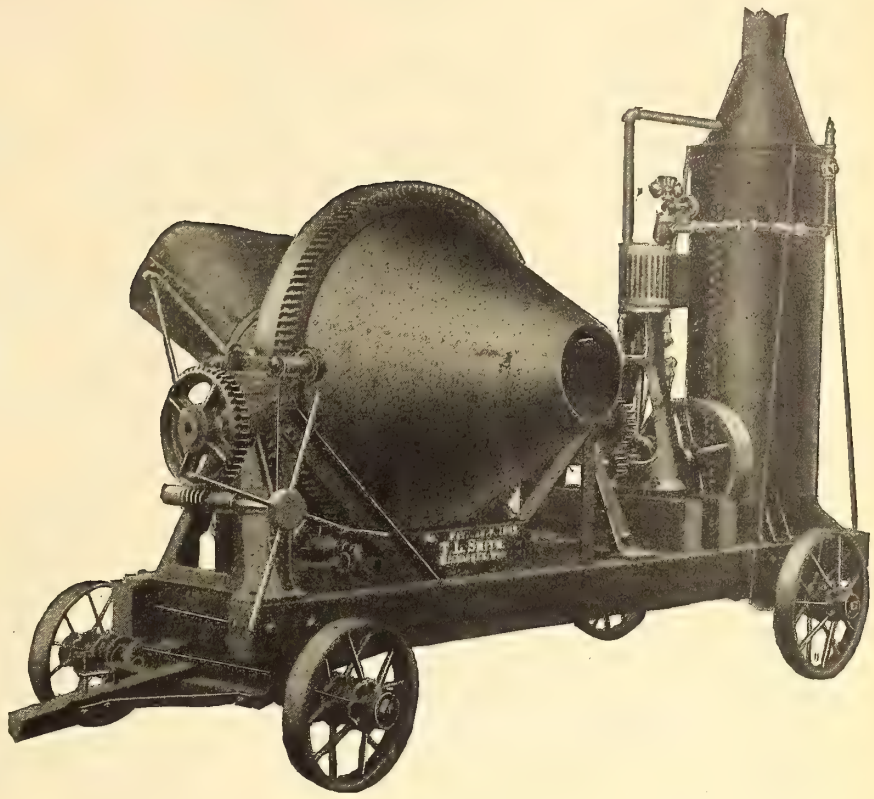

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and C. F. McGregor.—The Sisters of Charity, Duluth, have decided to build a hospital here.

OTTAWA, ONT.—The Council intend constructing an asphalt and stone sett pavement on Nicholas street, from Wilbrod street to Laurier ave., estimated cost $8,435,90. — Mr. Morse, general manager of the Grand Trunk Pacific Railway, states that the construction of the Lake Superior branch will be commenced as soon as specifications are printed.

GUELPH, ONT. — The by-law to raise $55,000 for extension and improvement of the gas plant was carried by the ratepayers on Saturday last.—Dr. Smith, Ontario Inspector of Public Institutions, last week visited St. Joseph's Hospital to inspect the site selected for the new buildings to be erected this summer. It is expected that tenders will be asked for shortly.-Architect Mahoney is preparing plans for remodelling the city hall.

OWEN SOUND, ONT. — George Menzies, Chairman School Property Committee, will receive tenders up to July 3rd for re-tubing the boiler at the Collegiate Institute, also for piping required in connection with the steam heating and drainage of the chemistry room.—The Georgian Bay Power Co. are asking for tenders up to Saturday, July 15th, for cutting down and removing of the face of the mountain on the north side of Beaver river at Eugenia Falls. This is the first work to be undertaken in connection with the proposed development of electric power.

MONTREAL, QUE. — George W. Stephens, acting for the Church of the Messiah, has purchased property on north-east corner of Simpson and Sherbrooke streets on which a new church will be built. Plans will be called for at once. —The Fire and Light Committee are looking for a suitable site on which to build a fire station in the vicinity of St. Catharine street.—E. P. Charlton will build a brick and stone block on St. Catherine street, from plans by Saxe & Archibald. Finley & Sence, architects, have in hand a wing to the Boys' Home on Mountain street, to cost about $20,000.

ST. JOHN, N.B.—D. Pottinger, manager Intercolonial Railway, Moncton, will receive tenders up to July 3rd for construction of extension of train house and baggage room in this city.- G. Brown, C. E., is making an inspection of the Central Railway for the New Brunswick Government. He will probably recommend that at least three of the wooden bridges be replaced by steel structures.—The C. P. R. have acquired a controlling interest in the St. John Bridge and Railway Extension Co., and will commence as soon as possible the rebuilding of the cantilever bridge.

HAMILTON, ONT. — The Council will advertise the paving of York street, from Dundurn street to the Market, with brick, at cost of $27,000.—Frank Crawford will build a brick residence on Queen street, between Margaret and Garth streets.—The Leamington Steel Co. have bought 400 feet of land on Arthur street as a site for their plant.—W. G. E. Boyd is building a $$4,000 residence on Bay street, south of Aberdeen ave., from plans by A. W. Peene.—W. J. Jackson intends building a $3,000 brick residence corner Wentworth street and Aikman ave.

VICTORIA, B.C.—W. S. Gore, Deputy Commissioner of Lands and Works, will receive tenders up to 30th inst. for supply of 170 school desks.—A by-law will likely be submitted to the ratepayers to provide $30,000 for erection of a school building in Victoria West. — Thomas D. Sedger, architect, is preparing plans for a bungalow residence to be built on Carr street for A. E. Allen.—The Victoria Fire Department, at a meeting on June 16th, decided to install a storage battery system of fire alarms to replace the present gravity system.—The City Council have decided to call for tenders for construction of new bridge at Rock Bay.

LONDON, ONT.—Plans are being prepared for bitulithic pavement on Richmond street, between Horton street and the G. T. R. and between Fullarton street and Oxford street, also for an asphlat pavement on Dundas street, from Lyle to Queen's park.—Building permits were issued last weeks as follows: R. C. Edgecombe, two-storey brick dwelling, Colborne street, near Centre ave.; F. J. Stone, brick-veneer residence, William street; W. R. McKay, four brick veneer residences, corner William and Hill streets.—W. Fletcher Shepherd, architect, is this week taking tenders on a pair of houses on Ridout street.—William G. Murray requests tenders by 4th inst. for alterations and additions to Adelaide street Baptist church.

WINNIPEG, MAN. — Hooper & Walker, architects, want tenders by 29th inst. for erection of frame residence on stone foundation for H. P. Hanson, Stradbrooke place, Fort Rouge. — Herbert Matthews, architect, is taking tenders up to 13th inst. for erection of brick and stone building on Donald street for the William Weld Co. Same architect has just taken tenders on five houses on Norquay street for Robert Wyatt.—C. H. Newton has just sold to a syndicate, represented by E. J. Rochon, property on east side of Main street, between Notre Dame ave. and Water street. It is said to be the intention of the purchasers to have plans prepared at once for a large hotel and theatre.—It is reported that Lewis Bros., hardware merchants, Montreal, will build a warehouse in this city.—A. & W. Melville, architects, have prepared plans for an addition to the Central Congregational church on corner of Hargreave street and Qu'Appelle ave.—Plans are being prepared for a large business block, with stores and offices, to be built on the corner of Portage ave. and Smith street for J. H. Oldfield.—J. H. Cadham, architect, has prepared plans for a new building for the Manitoba Medical College.—Plans of mission building to be built at Griswold Man., may be seen at the office of S. F. & W. A. Peters, this city. —Frank R. Evans, architect, is taking tenders up to July 1st for alterations to the Tees & Persse building on Market street for W. M. Gibson.—Herbert B. Pugh, architect, is this week taking tenders on a frame residence in Crescentwood for R. G. Persse.—Tenders are invited by Charles S. Bridgman, architect, up to July 3rd, for erection of a brick and stone warehouse on Henry street for H. F. Anderson & Co.—The Dominion Bridge Co., Montreal, are said to have decided to build a plant in this city.—H. C. Stone, architect, is preparing plans for a three-storey and basement brick and stone block for Stovel Bros., to be built on corner of Smith street and Ellice ave.

TORONTO, ONT. — Thomas McLaughlin, secretary Georgian Bay Power Co., 16 King street west, is asking for tenders by Saturday, July 15th, for removal of earth in connection with the proposed development of electric power at Eugenia Falls.—The Nasmith Co. have purchased a site near the Canada Foundry Co.'s works on Davenport road, on which they will build a large bakery.—The Burgess-Powell Co. have purchased property on the corner of Trinity and Yonge street, which they will remodel.—The Board of Control are asking for tenders up to Tuesday, July 4th, for construction of asphalt, macadam and tar macadam pavements and concrete walks. —Tenders are also invited by the Board of Control up to same date for construction of a shelter at Island Park.—Plans of Methodist church to be built at North Bay, Ont., may be seen at the office of Burke & Horwood, this city. Tenders close July 21st.—Tenders for a 30-foot gasolene launch will be received by the Board of Control up to July 11th.—Building permits have been granted as follows: James Brown, four-storey factory, south side King street, near Spadina ave., cost $20,000; Trustees Wesley Methodist church, addition to Sunday school building, cost $18,000; S. Frank Wilson, six-storey office and warehouse, Front street, west of Bay, cost $50,000; The Dominion Paper Box Co., two-storey brick stable and one-storey brick factory, King street west, cost $10,000; Corporation of Toronto, new fire hall, corner Queen and Herbert streets, cost $20,000; Home for Incurables, addition to building, cost $2,000; Bank of Nova Scotia, two-storey brick and stone bank, corner Dundas street and Brock ave, cost $13,000.

CONTRACTS AWARDED.

DUTTON, ONT.—Residence for C. D. Hodder E. Small, Wallacetown, contractor.

CLANDEBOYE, ONT.—Cement sidewalks: McCann & Butler, of Lucan, contractors.

OSHAWA, ONT. — Granolithic sidewalks: John Stacey, contractor, 13 cents per square foot.

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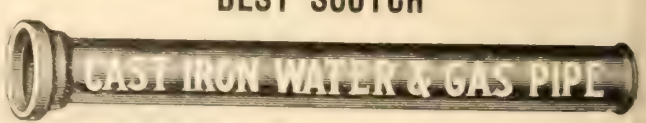

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VIRDEN, MAN.—Brick residence for T. A. Megafin: George Harris, contractor.

BROCKVILLE, ONT. — Factory for Burrill & Co.: Alex. Miller, jr., contractor.

ST. GEORGE, N.B.—New church at Letite: Spier & Dunbar, this place, contractors.

LONDON, ONT.—Warehouse for D. H. Howden & Co.: John Hayman & Sons, successful tenderers.

EDMONTON, N.W.T. — Erection of Merchants Bank block: Charles May, contractor, about $40,000.

GUELPH, ONT.—$60,000 city debentures: Canadian Securities, Limited, successful tenderers, $63,825.

ARTHUR, ONT. — Two bridges in West Garafraxa: John D. Callaghan, this place, contractor, $2,495.

NEW WESTMINSTER, B. C.—Wharf and warehouse for Brackman-Ker Milling Co.: Pile driving and wharf, W. A. Gilley & Co.; warehouse, Harry Hoy.

ROSSLAND, B. C.—Barber & Peters have been awarded the contract by the West Kootenay Power & Light Co. to clear the right of way for 20 miles of pole line between Rossland and Cascade.

BRANTFORD, ONT.—Warehouse for Brantford Box Co.: P. H. Secord & Son, contractors. — Three new waterworks boilers: John Inglis Co., Toronto, successful tenderers.

HAMILTON, ONT.—The tender of Aemilius Jarvis & Co., Toronto, of $99,657 for $100,000 of 20-year city debentures, has been accepted.

VICTORIA, B. C.—M. Humber & Sons will supply 2,750,000 brick for the C.P.R. Hotel.—Building on Yates street for Dr. Garesche: George Snider, contractor.

WINNIPEG, MAN.—$1,209,875.42 4 per cent. city debentures: Aemilius Jarvis & Co., Toronto, successful tenderers at 99.52. There were five other tenderers.—The contract for paving the C.P.R. yard has been awarded to Deeks & Deeks; area 190,000 square feet.

MEDICINE HAT, N.W.T. — $54,600 5 per cent. municipal debentures: Aemilius Jarvis & Co., Toronto, successful tenderers, $54,973. Other tenderers: Wood, Gundy & Co., Toronto, $54,914; John Nuveen, Chicago, $52,425, and the National Trust Co., Winnipeg, $54,123.

BARRIE, ONT. — Thomas Kennedy, architect, has accepted the following tenders for a residence for Dr. Walwin: Masonry, James Ball; carpentry, G. A. Batson; hot water heating and plumbing, Toronto Furnace Co.; slating and galvanized iron work, James Findlay, Hamilton.

STRATHCONA, N.W.T.—The Canadian Pipe Company, Vancouver, B.C., have secured the contract for supply of wooden pipe for the waterworks system; contract price, approximately $20,000.—Waterworks supplies: Valves, W. E. Ross, Strathcona; hydrants, The Fairbanks Co., Montreal.

LISTOWEL, ONT.—W. E. Binning, architect, has let the following contracts for public library buildings: Cement blocks and brickwork, George Fritz; carpentry, Hall & Calder; plumbing and tinsmithing, Zilliax & Sarves; slating, John Whitaker. Painting and glazing and hot water heating not let.

COLLINGWOOD, ONT. — Residence for Mrs. A. L. Kirkland: Wilson Bros., contractors. Sub-contractors, brickwork and masonry, A. Court; plastering, H. G. Wynes; plumbing, McFadzen & McQuade. —F. T. Hodgson, architect, has awarded the following contracts for reconstruction of building recently purchased from Fair Estate: Carpentry, Wilson Bros.; brickwork and masonry, A. Court.

GODERICH, ONT.—$17,000 town debentures: Wood, Gundy & Co., Toronto, purchasers, $17,281 and accrued interest.

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Other tenderers, Canadian Securities, Ltd., Toronto, $17,128; Aemilius Jarvis & Co., Toronto, $17,072.50; George A. Stimson & Co., $17,026; Ontario Securities Co., Ltd., Toronto, $17,174; Wm. C. Brent, Toronto, $17,079; Dominion Securities Co., Toronto, $17,103.

MOOSOMIN, N.W.T. — Erection of town hall: A. C. McDougall, successful tenderer, $20,239. Other tenders: A. R. Fleming, $23,105; Thomas Grayson, $22,093.—The Bank of Commerce are successful tenderers for purchase of debentures, at $38,900 and accrued interest.

SARNIA, ONT.—Asphalt block pavement: A. J. Murphy, Port Huron, Mich., successful tenderer, $2.40 per yard, curbing 45 cents per foot, tile 5 cents per foot. Other tenderers: John McBean, Toronto, $2.89 per yard, curbing 60 cents per foot. R. Corrick & Sons, $2.47 per yard, curbing 58 cents per ft.

STRATFORD, ONT. — Bridge over Thames river, between Blanchard, Fullarton and Downie: Superstructure, Stratford Bridge Co., $2,940; abutments and approaches, Mr. Witherspoon, $1,848 and $390 respectively.

CHATHAM, ONT. — Vitrified brick pavement on Head street and asphalt block pavement on Market square: Blight & Fielder, successful tenderers, $2.05 per square yard for Massillion brick for Head street, 40 cents per square foot for curb and gutter; $2.38 per square yard for Market square.

MONTREAL, QUE. — Academy and music hall on Stanley street, near Dorchester, for Frank Norman: R. M. Rodden, architect; J. H. Hutcheson, contractor; cost about $25,000.—30-year 4 per cent. debentures of the Protestant Board of School Commissioners: $70,000 to R. Wilson Smith at $102.07, and $30,000 to Trafalgar Institute at 103½.

VANCOUVER, B.C.—The British Columbia Pottery Co. has secured an order to supply about 80,000 superficial feet of partition tile or the new C.P.R. hotel at Victoria. They are also supplying the sewer pipe for Edmonton.—The McLennan, McFeely Co. have secured the contract to supply construction implements for the Nicola, Kamloops and Similkameen Coal and Railway Co.—New St. Paul's church corner Pendrall and Jarvis streets: R. P. Forshaw, contractor. Hodgson & Stearman will do the heating.

NIAGARA FALLS, ONT.—Five tenders were received for construction of Section No. 2 of the paving system, as follows: S. P. McMordie, Niagara Falls, $14,565.24; Toronto Contracting & Paving Co., $13,332.40: Langley & Cook, Niagara Falls, $13,944.04; Forest City Paving Company, London, $14,079.94 and $15,785.14; Constructing & Paving Co. of Ontario, Toronto, $13,637.82 for "Metropolitan" brick, $13,285.02 for "Massillon," and $13,167.42 for "Logan". The tender of Langley & Cook has been accepted, their price being $2.27 per square yard, $60 for catch basins and 45 cents for excavation.

TORONTO, ONT. — The Board of Control last week awarded the following contracts: Asphalt pavement, Northumberland avenue, Deleware to Dovercourt, $967; Elizabeth street, College to Grenville, City Engineer, $984. Asphalt block, Macpherson ave., Yonge to 429 ft. east, Construction & Paving Co. Concrete curbing, Agnes street, Centre to University, 32c per lineal foot; south side. Yonge to Teraulay street, 32c, Grant Contracting Co. Tar macadam, Elm avenue, Huntley to west end, $1,050, Constructing & Paving Co. Macadam, Agnes street, Yonge to University, $3,911, City Engineer. Brick, Commercial lane, Frances to west end, $1,396, City Engineer. Cedar block, Vermont avenue, Palmerston to Manning, $2,000; Logan avenue, Queen to 2,124 feet south, $9,350, Toronto Constructing & Paving Co. Concrete walks, to Gardner & Co., Winchest street, south side, Parliament to 125 feet east, 16½c; Grant Co., Walmer road, east side, 351 ft. north of Barnard to Dupont street, 62c; Warren Bituminous Paving Co., Howland avenue, west side, Dupont to city limit, 62c; Queen street, south side, Sumach to River, 74c; Queen street, north side, Sorauren to 59 ft. west of Macdonnell, $1.69; Sherbourne street, west side, Elm to South drive, 73c; Crescent Paving Co., West Market street, east side, King to 76⅔ feet south; Constructing & Paving Co., Melinda street, north side, 26 feet west of Yonge street to 53 feet further west, $1.20; Ontario Concrete Co., Foxley street, north side, Dundas to Dovercourt, 95c; Halton street, both sides, Shaw to Dundas, 95c; City Engineer, Wellington avenue, south side, Niagara street to 68 feet west, 78c; Warren Bituminous Paving Co., Adelaide street, south side, York to 60 feet east of Simcoe, 97c; Badgerow avenue, south side Pape to 557 feet east, 82c; Baldwin street, north side, Spadina to Augusta, 62c; Bellevue place, north side, Bellevue avenue to west end, 62c; Concord avenue, east side, Hepbourne to Bloor, 89c; Dermot place, Spruce to Carlton, 75c; Howard & Leach, Brunswick avenue, west side, College to 111 feet north, 17c; Clinton street, east side, Mansfield to College street, 96c. —The Board of Education last week awarded the following contracts: Enlargement Cottingham street school—Masonry, R. Chalkley & Son, $7200; carpentering, E. Hollett, $7750; plastering, E. Warren, $764; painting, Taylor & Co., $574; plumbing, L. Legrow, $387; roofing, G. Duthie & Co., $596; tinsmithing, A. Mathews, $455; steel and iron construc-

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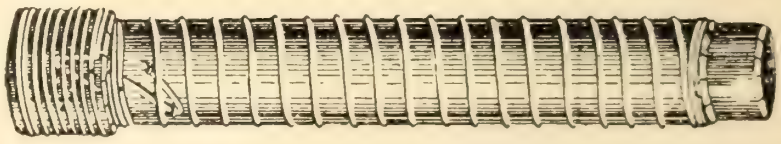

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tion, McGregor & McIntyre, $1166; heating and ventilating, W. F. Rutley & Co., $1170; total, $20,062. Interior Kew Beach School—Carpentering, W. Williamson, $1424; plastering, T. Gander & Son, $215; painting, J. R. Robinson, $28; metal ceilings, A. B. Ormsby, block tender. Summer repairs to Technical School—Carpentering, A. Coyell; painting, R. J. Wray. Harbord Collegiate—Carpentering, F. Westlake. Jameson avenue Collegiate—Carpentering, W. Eaton. Jarvis Collegiate—Carpentering, F. Armstrong. Jameson-avenue and Jarvis Collegiate—Painting, R. J. Wray. Carpentering work, Bolton-avenue, W. Eaton; Borden-street, E. Hollett; Brock-avenue, A. Bathow; Church-street, W. Eaton; Clinton and Crawford-street, F. Armstrong; Dewson-street, T. Phillips; Dovercourt-road, E. Hollett; Elizabeth-street, F. Westlake; Grace-street, F. Armstrong; Lansdowne-avenue, T. Phillips; Manning-avenue, A. Coyell; Morse-street, Brant, John, King, Edward Leslie; Pape and Withrow-avenue, W. Eaton. Painting—Elizabeth-street, T. Barrett; Dufferin, E. J. Linington; Dewson, R. J. Wray; Fern-avenue, G. L. Egles; Jesse Ketchum, R. J. Wray; John T. Barrett; Niagara, R. J. Wray; Palmerston, Hughes & Co.; Pape-avenue G. S. Egles; Perth-avenue, J. Phinne-

Prices of Building Material

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	Per M. Ft.	
1 inch No. 1 Pine cuts and better	$48.00 to	$50.00
1½ to 2 inch No. 1 cuts and better	51.00	53.00
1½ to 2 inch No. 3 cuts and better	38.00	39.00
1 inch Pine Dressing and better shorts	25.00	27.00
1 x 4, 6 and 8 Common	18.00	19.00
1 x 10 and 12 Common	19.00	21.00
1 inch mill run sidings	21.00	22.00
1 inch mill run	20.00	21.00
1 x 10 and 12 mill culls	15.00	16.00
1 inch dead cull sidings	12.00	13.00
1½ inch Flooring	26.00	27.00
2 x 4 to 10 inch, 10 to 16 feet	15.00	16.00
2 x to 10 inch, 18 feet	16.00	17.00
1½ inch No. 1 4 ft. Pine Lath	3.40	3.60
1½ inch No. 2 4 ft. Lath	3.00	3.10
1½ inch No. 1 4 ft. Hemlock Lath		2.80
XXXX Pine Shingles	2.90	3.00
XXX Cedar Shingles	2.80	2.90
B. C. Shingles:		
XXX 6 butts to 2 inch		2.90
XXXX 6 to 23-16 inch		3.15
XXXXX 5 to 2 inch		3.40

HARDWOODS—PER M. FEET CAR LOTS.

Ash, white, 1sts and 2nds, 1 to 2 inch	$33.00 to	$35.00
Ash, black, 1sts and 2nds, 1 to 1½ inch	27.00	29.00
Birch, M. R. 1 inch	22.00	24.00
" 1½ inch to 2	23.00	25.00
Basswood, Common and better, 1 to 1¼ inch	24.00	25.00
Basswood, 1½ to 2 inch	25.00	26.00
Elm, soft, mill run, 1 to 1½ in	23.00	24.00
Elm, rock, mill run, 1 to 1¼ in	24.00	26.00
Maple, common and better, 1 to 1½ inch	21.00	22.00
Oak, red plain, 1sts and 2nds, 2 to 4 inch	44.00	46.00
Oak, white, 1sts and 2nds, 1 to 1½ inch	42.00	44.00
Oak, quartered, 1sts and 2nds	70.00	80.00

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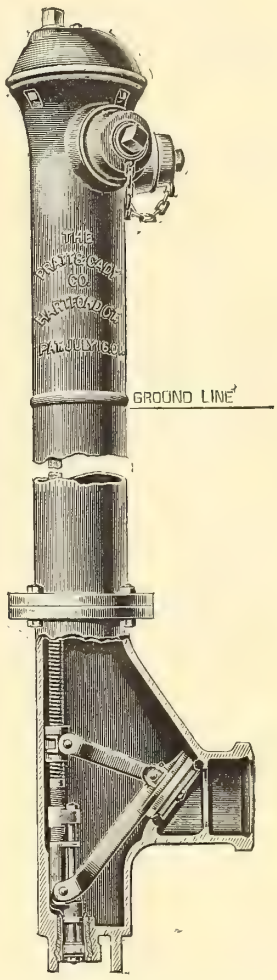

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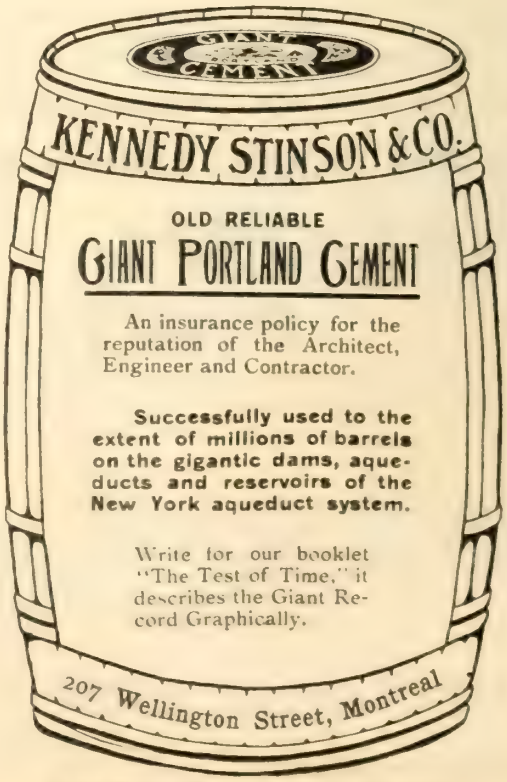

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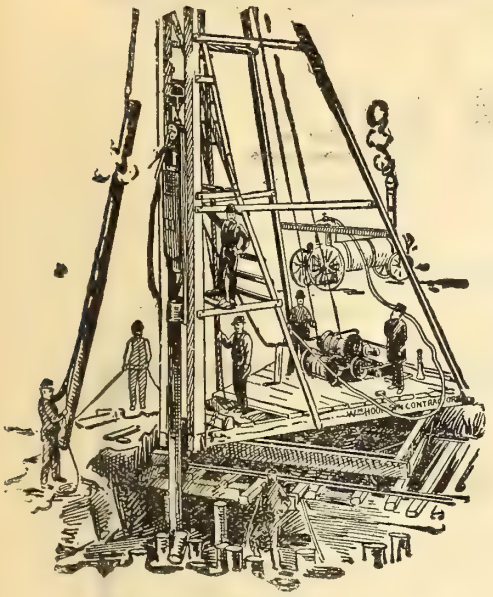

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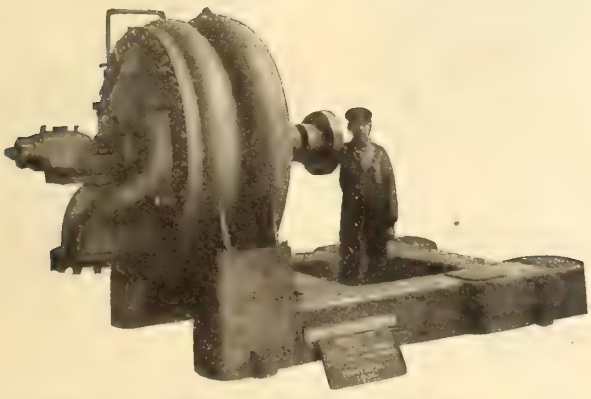

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Charpentier & Aude, contractors, Montreal, have dissolved.

Cotter Bros., plumbers, Winnipeg, recently suffered a small loss by fire.

The death is announced of Francois Comtois, plumber, etc., Sherbrooke, Que.

Messrs. Jas. and C. H. Allan, architects, formerly of Calgary, N.W.T., have opened up offices at 653 Granville street street, Vancouver, B.C.

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White Brick, kiln run, per M. on car	$12 00
White veneer brick, per M. on car	14 00
Red pressed brick, per M. on car	30 00 to 32 00
Red Sand Mould Brick	21 00
Pressed Bricks (except red)	30 00 to 40 00
Hollow Brick	13 00
Vitrified Paving Brick	38 00
Brown Pressed Brick	34 00
Water Struck Brick	35 00
Rain Wash Brick	35 00
Portland Cement, in carloads	2 69
Dimension stone, per cubic ft.	30 c to 35 c
Common rubble, per cord, delivered	10 50
Select rubble, per c'd, delivered	11 50
Rough shoddy, per cubic yard	1 50
Concrete Stone, per cubic yard	1 25
Grey Lime, per bushel at quarry	22 c
Grey Lime, per bushel delivered	32 c
White Lime, per bushel at quarry	22 c
White Lime, per bushel delivered	32 c
American hard wall plaster, per ton f.o.b.	15 00
Manitoba hard wall plaster, per ton f.o.b.	15 00
Ordinary hard wall plaster, per barrel	3 25
Pitch pine hard wall plaster, per barrel	4 50
Building papers, Anchor, plain	65 c
Building papers, Cyclone and Jubilee, plain	77½
Building papers, Anchor, tarred	70 c
Building papers, Cyclone and Jubilee, tarred	80 c
Building papers, Shield, tarred	65 c

Sewer Pipe, 3 in., 8½ c; 4 in., 10½ c; 5 in., 14½ c; 6 in., 16½ c; 8 in., 25 c; 9 in., 30 c; 10 in., 36 c; 12 in., 45 c; 15 in., 75 c; 18 in., $1.00; 20 in., $1 50; 24 in., $2.00.

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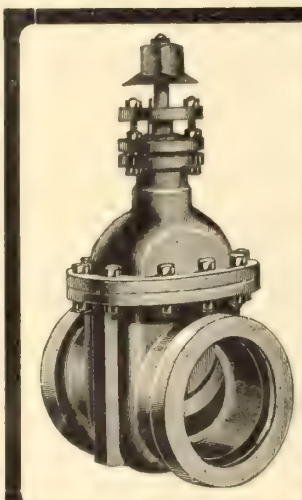

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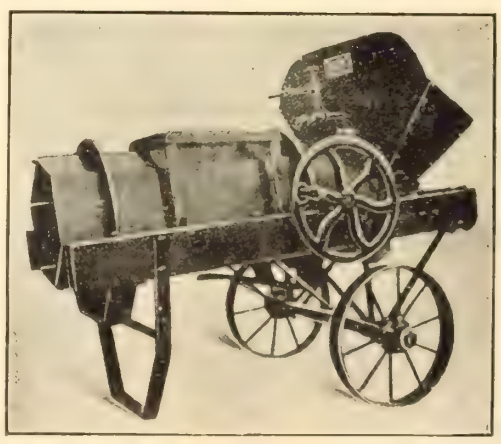

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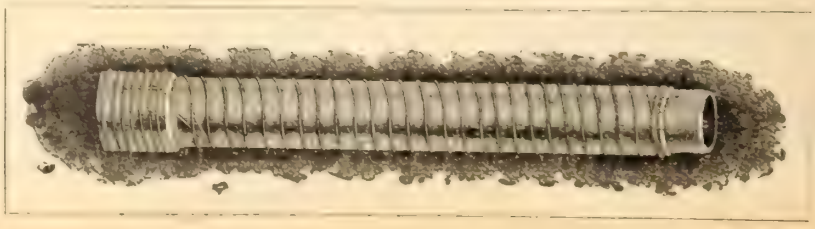

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" 3	9 00
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" 2	13 00
Brown	25 00
Roman Red	30 00
" Buff	35 00
" Brown	40 00
Hard Building	8 0
" Sewer	7 0
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" No. 2	12 00	17 50
" No. 3	10 50	15 00
Brown Peerless Facing	20 00	25 50
" No. 1	18 00	23 50
Buff Peerless	20 00	25 50
" No. 1	18 00	23 50
" No. 2	15 00	20 50
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Roman Red (Size 12 x 4 x 1½ in.)	30 00	35 50
" Buff " "	30 00	35 50
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" " " No. 2	15 00	20 50
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Monarch	1 80	1 90	1 90	2 00
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Diamond 350 " "	2 20	2 30	1 85	1 95
"Blue Lake" Brantford	1 70	2 00		
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"Helderberg"			1 90	2 00
Alsen				2 25
Lehigh, in bbls., 375 lbs.		2 35	2 10	2 20
" cotton sacks, 350 net		2 00		2 00
" paper bags		2 10		1 85
"Iron Clad" in bags 350 lbs.			1 80	1 90
"Invicta" " " "			1 65	1 70
"Adirondack" " " "			1 50	1 65
Old Reliable "Giant" (350 lbs. net per bbl.)	1 75	1 85	1 80	2 00
"Improved Union"	1 65	1 75	1 70	1 90
"Union"	1 50	1 60	1 50	1 70
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Brook's Shoobridge Anchor	2 35	2 40	2 00	2 10
Whites	2 35	2 40	2 05	2 15
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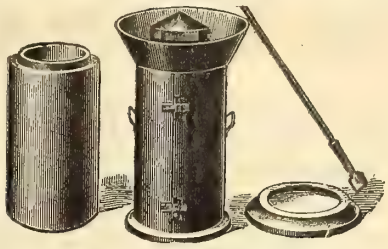
"Josson"	2 60	2 70	2 20	2 30
Hammer			1 80	1 90
White Star	2 15	2 25	1 90	1 00
German (in Barrels):				
Offenbacher				2 35
Alsen	2 65	2 95		2 40
Dyckerhoff	2 65	2 75		2 40
Hercules	2 25	2 35		2 10



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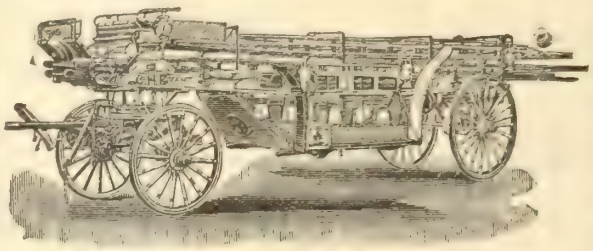

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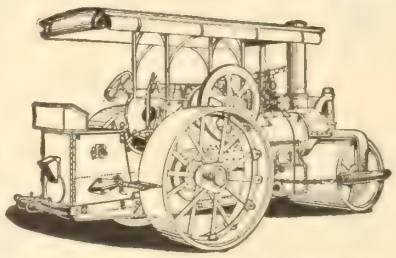

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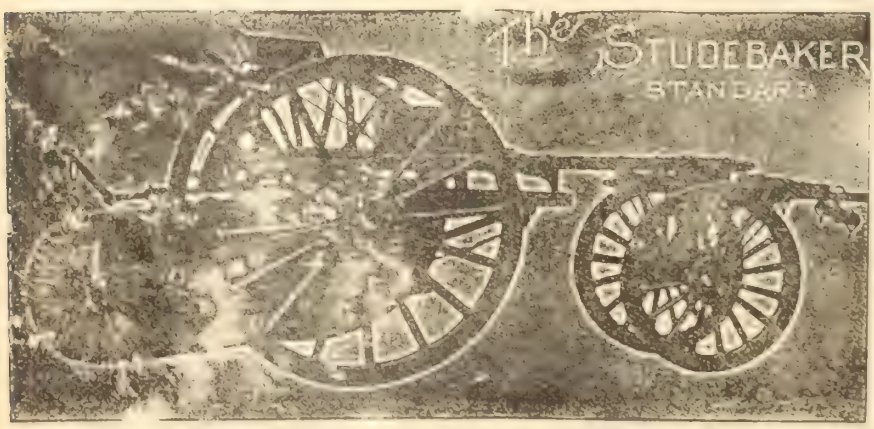

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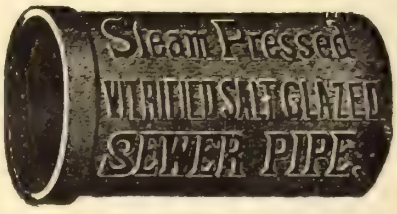

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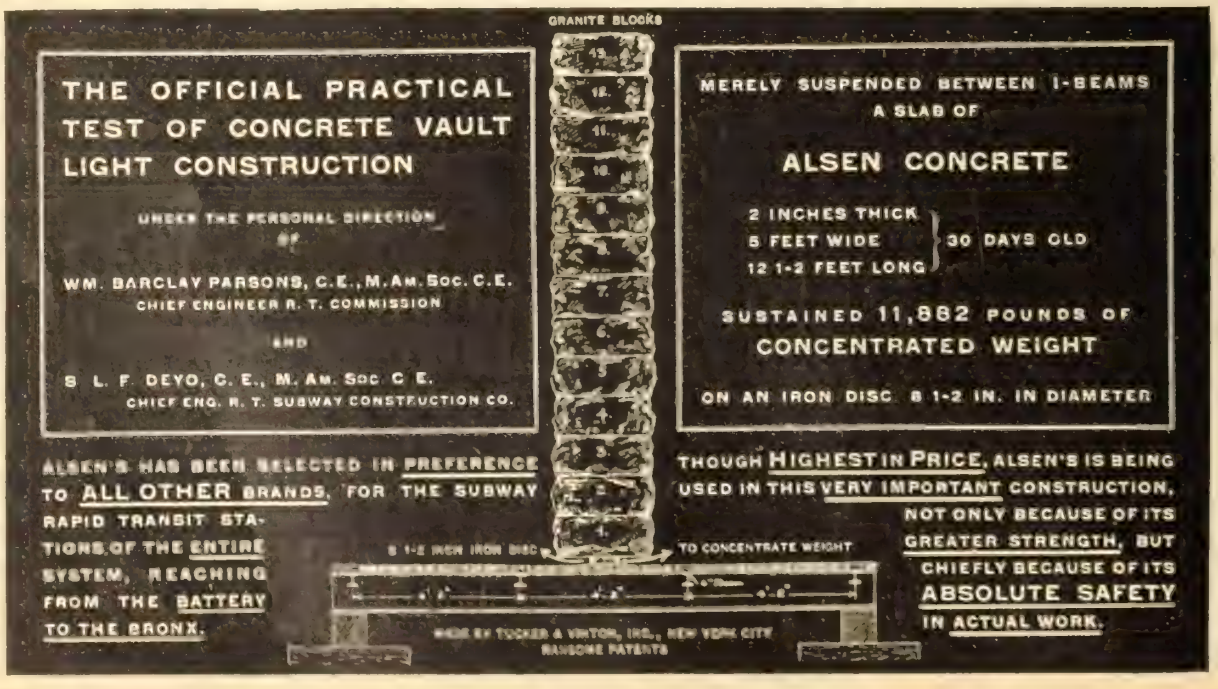

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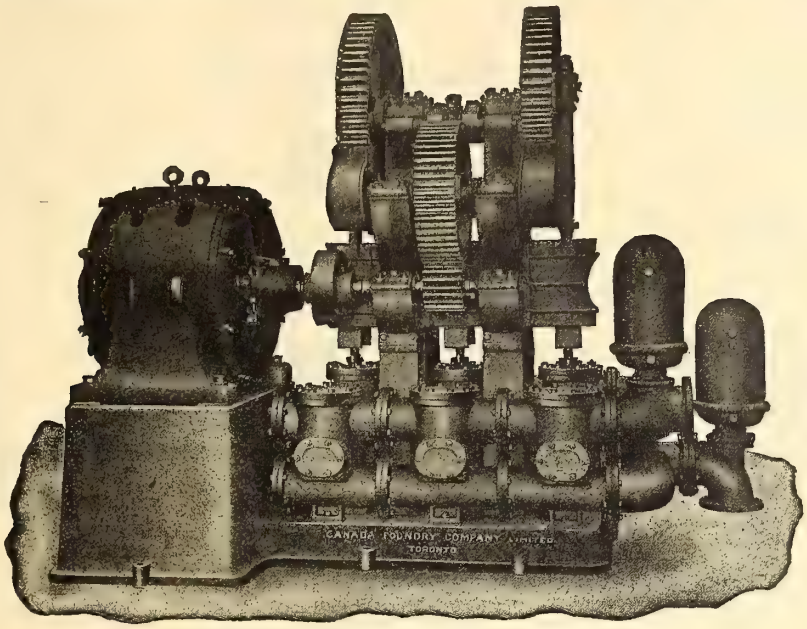

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CANADIAN

Contract Record

A Weekly Journal of Public Works, Tenders, Advance Information and Municipal Progress

This Paper Reaches Every Week the Town and City Clerks, Town and City Engineers, County Clerks and County Engineers, Purchasers of Municipal Debentures and Leading Contractors in All Lines Throughout Canada

VOL. 16. TORONTO, MONTREAL — JULY 5, 1905 — WINNIPEG, VANCOUVER No. 18

THE CANADIAN CONTRACT RECORD
PUBLISHED EVERY WEDNESDAY
As an Intermediate Edition of the Canadian Architect and Builder.

THE C. H. MORTIMER PUBLISHING COMPANY
of Toronto, Limited,

Subscription Price, $2 per annum, payable in advance.

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TENDERS FOR R. C CHURCH

to be erected at Arnprior, Ont., addressed to Rev. A. Chaine, will be received up to the 15TH DAY OF JULY, 1905.

Plans and specifications may be seen at the residence of Rev. A Chaine, Arnprior, or at the office of Gauthier & Daoust, architects, 180 St. James Street, Montreal. An accepted bank cheque payable to the Roman Catholic Episcopal Corporation of Pembroke, to the amount of 5 per cent., must accompany each tender. This cheque will be returned, immediately, if the tender be not accepted, and will be kept till the completion of the work if the tender be accepted.

The lowest or any tender not necessarily accepted.

REV. A. CHAINE and R. C. Trustees,
Arnprior.

TENDERS WANTED FOR BRIDGES

TOWN OF LISTOWEL

Sealed tenders, addressed to the undersigned, will be received until 7 o'clock p. m. on the 10TH DAY OF JULY, for the construction of the following, viz :—

1st. The steel beams and expanded metal and concrete flooring for flat top bridges on Main and Wallace streets, approximate length 300 feet, 36 foot span in the clear.

2nd. The steel superstructure for bridge on Elma street, 36 foot span, with 14 foot roadway and 4½ foot sidewalk, and concrete and expanded metal flooring.

3rd. The construction of cement concrete abutments for above bridges, containing in all about 500 cubic yards.

4th. The removal of old bridges, excavations and back filling.

5th. About 5,000 square feet of granolithic paving, approaches to Wallace street bridge.

6th The construction of reinforced concrete arch bridges of equal capacity, and guaranteed to sustain a moving load of 125 lbs. per square foot Plans to accompany tender.

Contractors to give satisfactory security for the proper performance of the work if required.

The lowest or any tender not necessarily accepted.

Plans and specifications may be seen at my office.

W. E BINNING,
Architectural Engineer,
Listowel, Ont.

Listowel, June 21st, 1905.

FREDERICTON DEBENTURES

Sealed tenders, marked on the envelope "Tenders for Fredericton Debentures," and addressed to the undersigned, will be received until SATURDAY NOON, THE 15TH DAY OF JULY NEXT, for the following debentures to be issued by the City of Fredericton :

$4,000.00 in sums of $500.00 each, dated July 20th, 1905, payable in two years from issue, bearing interest at four per cent. payable half yearly. Issued under Act of Assembly of New Brunswick, 50th Victoria, Chapter 53.

Also :—$4000.00 in sums of $500 each, of the City of Fredericton Street Light Debentures dated October 1st, 1903, payable in thirty years from date of issue, bearing interest at 4 per cent. per annum from April 1st, 1905, payable half yearly. Issued under Act of Assembly of New Brunswick, 3rd Edward VII, Chapter 49.

Also :—$8,000.00 in sums of $500.00 each, dated July 20th 1905, bearing interest at 4 per cent. payable half yearly, and repayable $1,000.00 each year until the $8,000.00 has been retired. Issued under Act of Assembly of New Brunswick, 5th Edward VII, Chapter 55.

Parties may tender for the whole or any part of the above debentures.

The lowest or any tender not necessarily accepted.

By order of the City Council.

J. W. McCREADY,
City Clerk.

Fredericton, N. B., June 15th, 1905.

TOWN OF INDIAN HEAD, N. W. T.

TENDERS
FOR
Waterworks and Electric Lighting Machinery

Sealed tenders, addressed to the undersigned, will be received up to 8 p.m. on MONDAY, JULY 17TH, 1905, for the following works. The tenders for the several sections are to be made out independently.

Section "A"—Engine and Generator

The supply and erection of a 150 K. W., 60 cycle, 2,200 volt A. C. Generator with direct connected Engine, also Exciter (direct connected), Switchboard Regulator, etc., and all the necessary Wiring within the Power House.

Section "B"—Electric Light Distribution System

The supply and erection of all necessary Poles, including Cross-Arms, Pins and Insulators, Transformers, Arc Lamps, etc., and the supplying and the stringing of the necessary Wires.

Section "C"—Water Tube Boiler

The supply and erection of a Water Tube Boiler having an effective heating surface of not less than 1,800 square feet.

Section "D"—Underwriter Fire Pump

The supply and erection of a 20" x 12" x 16" Underwriter Fire Pump.

Plans and specifications may be seen and forms of tender obtained at the office of the undersigned or at the office of JOHN GALT, C. E. and M. E., Consulting Engineer, Toronto.

A certified bank cheque for $500 must accompany each tender for Sections "A" or "B" and for $300 for Sections "C" or "D".

The lowest or any tender not necessarily accepted.

O. J. GODFREY, Town Clerk.

TO CONTRACTORS

Sealed tenders will be received by the Building Committee up to JULY 21ST, 1905, for the building of a Methodist Church in the town of North Bay. Plans and specifications may be had on application to the following:—J. H. Shaw or Jas. Fowler, North Bay, and Burke & Horwood, Architects, Toronto. Lowest or any tender not necessarily accepted

TENDERS FOR CEMENT WALKS

Tenders are asked for building about 35,000 square feet of cement walks in the Village of Marmora. Plans and specifications may be seen at the office of the Clerk, on and after July 5th. State price per square yard. Tenders to be opened on 1ST AUGUST. Lowest nor any tender not necessarily accepted.

RENDOL SNELL, Village Clerk

CONCRETE WALKS

NIAGARA FALLS, CANADA

Sealed proposals, addressed to John Robinson, City Clerk, will be received by the Corporation of the City of Niagara Falls, Canada, until 8 p m. MONDAY, JULY 10TH, 1905, for the construction of Concrete Walks, Section No. 7.

The works to be built under this section are about 40,000 square feet of Concrete Sidewalks, of widths 4 and 5 feet, and about 8,000 lineal feet of Concrete Curbing for the same.

Proposals must be on the proposal sheets supplied, and each one must be accompanied by a certified cheque for $600 00, payable to the City Treasurer, said cheque to be returned to the person making the proposal, unless he fails to execute the contract should it be awarded to him.

Plans and specifications may be seen, and forms of proposals may be obtained at the office of the Engineer, Niagara Falls, Canada, on and after Monday, the 26th June, 1905.

The right to reject any or all proposals is reserved to the Corporation.

WILLIAM PHEMISTER, Mayor.
JOHN H. JACKSON, Engineer.

Niagara Falls, Canada, June 24th, 1905.

CITY OF WINNIPEG
FIRE SERVICE WATER WORKS

Sealed tenders addressed to Ald. J. C. Gibson, Chairman of the Fire, Water and Light Committee, for furnishing gas engine pumping plant of a capacity of 9,000 imperial gallons per minute against pressure of 300 lbs. per square inch, will be received at the office of the undersigned up to 3.30 p.m. on

MONDAY, AUGUST 7, 1905

Specifications and forms of tender may be obtained upon application at the office of Col. H. N. Ruttan, City Engineer, Winnipeg, Canada.

Each tender must be accompanied by an accepted cheque, draft or cash deposit for the sum of $5,000.00, which will be subject to forfeiture in case of failure on the part of the contractor to enter into a written contract with approved sureties if called upon to do so.

The city reserves the right to reject any or all tenders or to accept any bid which appears advantageous to the city of Winnipeg.

C. J. BROWN,
City Clerk.

City Clerk's Office,
Winnipeg, June 27th, 1905

[FOR ADDITIONAL ADVERTISEMENTS FOR TENDERS SEE NEXT PAGE.]

CHURCH PEWS

The Old Pews in St. Peter's Church, Toronto, are For Sale.

[illegible] GORDON & HELLIWELL, Architects, [illegible] Toronto.

TENDERS

will be received by the undersigned until JULY 22ND, 1905, for Repairing with Cement the East Abutment of the Steel Bridge over Horner's Creek, Concession 3, Township of Burford, according to plans and specifications prepared by F. J. Ure, C.E., of Woodstock, Ont., which plans may be seen at the office of the Clerk of the said Township of Burford, Ont.

A marked cheque for 5 per cent. of the amount of the tender, payable to the Treasurer of the Township Burford, must accompany each tender.

The lowest or any other tender not necessarily accepted unless otherwise satisfactory.

PHILIP KELLY,
Clerk Township Burford,
Box 33, New Durham, Ont.

TENDERS FOR

ASPHALT BLOCK PAVEMENT

Tenders will be received by the undersigned up to the hour of 4 o'clock p.m. on MONDAY, THE 10TH DAY OF JULY, 1905, for an Asphalt Block Pavement on a Concrete bed with combined concrete curb and gutter, on Wellington Street from William Street to Duke Street, in the City of Chatham, Ontario, (about 5,500 yards) according to plans and specifications to be seen in the City Engineer's office in said City.

Tenders must be accompanied by a marked check for 10 per cent. of the amount tendered.

The lowest or any tender not necesarily accepted.

W. G MERRITT,
Clerk of Chatham.

Dated June 28th, 1905.

Notice to Contractors

Whole and separate tenders will be received by the undersigned up till 6 o'clock p. m., on FRIDAY, JULY 14th, 1905, for the various works in connection with the erection of a building for The Young Men's Christian Association of Orillia. Said building to be constructed of brick and stone with slate and iron roof, and to contain Reading, Recreation, Lecture and Class Rooms, Dormitories, Gymnasium, Bowling Alleys, Shower Baths, Locker Room, etc. Building to be heated with low pressure steam.

Plans and specifications may be seen at the offices of Croker & Hoy, Architects, Orillia, Ont.

Tenders must be made separately for the plumbing, steam heating, electric wiring, and construction of bowling alleys.

The contractor will be required to take over certain material now on the ground, and must state in his tender what price he will allow for same.

The lowest or any tender not necessarily accepted.

J. F. MORRIS,
Secretary Building Committee.

W. S. FROST,
Chairman Building Committee.

Orillia, June 26, 1905.

TENDERS

FOR

ELECTRIC LIGHT PLANT

Sealed tenders will be received up to the 18TH DAY OF JULY, 1905, for apparatus, poles, wires, etc., and on the construction of an Electric Light Plant for the City of Salaberry de Valleyfield, Que. Tenders received on the whole only, addressed to "C. A. Lavimodiere, City Clerk, Valleyfield."

An accepted cheque on a chartered bank of Canada, equal to 5% of the total amount of the tender, must accompany each tender, and made payable to the City of Salaberry de Valleyfield. The above deposit will be forfeited in case the bidder fails to enter into contract and give bond with good and sufficient securities if the work is awarded to him, and to be returned in case of non-acceptance.

Plans and specifications for each contract may be seen at the City Clerk's or Engineer's offices.

The lowest or any tender not necessarily accepted.

C. A. LAVIMODIERE,
City Clerk,
Salaberry de Valleyfield, Que.

CHARLES BRANDEIS, C.E.,
Consulting Engineer,
[illegible], Guardian Building, Montreal, Que.

WANTED

Position as Draughtsman in Architect's office or Builders' Clerk by young man having four years at practical building and three years in Architect's office. Address Box 91 CONTRACT RECORD, Toronto, Ont.

DEBENTURES FOR SALE

Tenders will be received up to noon of AUGUST 9TH, 1905, for the purchase of $10,000 Debentures of the Town of Qu'Appelle, N.W.T., payable in 20 equal annual instalments at six per cent. interest.

J. C. STARR, Secretary-Treasurer,
Town of Qu'Appelle, N.W.T.

To Contractors

Tenders will be received until WEDNESDAY, THE 12TH INST., for the various works in connection with the erection of Three Brick Division Stations for the

Toronto & Niagara Power Co.

To be erected at the following places: One at Stoney Creek, one at Twenty-Mile Creek, and one at Clarkson's, Ont.

Plans and specifications can be seen and all other information obtained at the office of the architect.

E. J. LENNOX, Architect,
Toronto, Ont.

DEBENTURES

Sealed bids will be received by the undersigned up to the 20TH JULY, 190 , for the following City of Prince Albert, Sask., Debentures:

$50,000 4½%, repayable in thirty equal consecutive annual instalments of principal and interest.

$2,500 4½% repayable in ten equal consecutive annual instalments of principal and interest.

Bids to include accrued interest from date of debentures, 30th March, 1905.

Lowest or any bid not necessarily accepted.

C. O. DAVIDSON,
Secretary-Treasurer.

CONTRACTS OPEN.

CHATSWORTH, ONT.—The village has $4,000 of debentures for sale.

LEDUC, MAN.—Dr. Baker has commenced the foundation of a residence.

STURGEON FALLS, ONT.—The Council have for sale $57,000 of debentures.

RENFREW, ONT.—An addition will be built to the Collegiate Institute, cost about $5,000.

SACKVILLE, N.B.—The woodworking factory of A. B. & S. Copp, which was burned last week, will be rebuilt.

BATTLEFORD, N.W.T.—A by-law was carried here last week to raise $2,000 for a fire engine.

ST. LOUIS, QUE.—The Council will petition the C.P.R. to build a subway at St. Lawrence street.

CORNWALL, ONT. — Notice has been given of the intention of the Council to construct granolithic walks.

FRELIGHSBURG, QUE. — The Sovereign Bank of Canada are taking steps towards the erection of a building.

MINNEDOSA, MAN.—The by-law to raise $6,000 for building an addition to public school was again defeated last week.

REGINA, N.W.T.—Rev. G. C. Hill will receive tenders up to July 10th for additions and alterations to St. Paul's church.

PORT ARTHUR, ONT. — Plans have been completed for a steel bridge across the Current river, east of this place, for the C.P.R.

JACKSON'S POINT, ONT. — A Government engineer was here recently making an estimate of the cost of a breakwater.

PETERBORO, ONT. — The ratepayers last week defeated the by-law to borrow $50,000 for erection of a new Collegiate Institute.

WEYBURN, N.W.T. — A fire protection scheme, including gasoline and chemical engines and a system of tanks, is under consideration.

BERLIN, ONT. — The Waterloo County Council will issue $7,000 of debentures for extension to House of Industry and repair of bridges.

NORTH BAY, ONT.—M. W. Flannery, Town Clerk, wants bids by July 15th for purchase of $34,000 30-year 5 per cent. waterworks debentures.

TAVISTOCK, ONT. — V. Stock, Clerk Township of South Easthope, will receive tenders up to July 20th for improvements to the Central drain.

NORTH SYDNEY, N. S.—The ratepayers will borrow $20,000 to pay off existing liabilities and extend the water system.

ST. MARY'S, ONT.—A movement is on foot to extend the waterworks and electric light plants, at a probable cost of $15,000.

BRIDGEBURG, ONT.—Tenders invited by H. Emrick up to 7th inst. for grading of Jarvis street and laying of concrete sidewalks.

GRAND FORKS, B. C.—The Standard Oil Co., represented here by J. Gordon, will let the contract at once for a large warehouse.

LONDON, ONT.—Tenders will be invited this week for building for the Liberal Club, to be 44x66 feet, of terra cotta and brick with stone foundation.

SELKIRK, MAN.—Bids received by W. R. Young, Secretary-Treasurer of the Municipality of St. Clements, up to 10th inst. for purchase of $12,000 of debentures.

LYLETON, MAN. — N. A. Boyd, Secretary of School District No. 731, will receive bids up to July 10th for purchase of $3,500 20-year 6 per cent. debentures.

SYDNEY, N.S.—W. W. Dillon will receive tenders up to July 8th for erection of Masonic temple in this city. Tenders at office of A. G. McLean, Ingraham Block.

PHOENIX, B.C. — The Miners Union No. 8 intend building a new hall and opera house, at a cost of about $8,000. Particulars from Archie Berry.

RAINY RIVER, ONT.—The Archbishop of St. Boniface has decided that the building of a new church here shall be proceeded with at once; estimated cost, $6,000.

AMHERST, N. S.—Senator Mitchell is interesting himself in a project to construct a central power station at Chignecto Mines to supply Amherst industries with power.

KINCARDINE, ONT.—The Town has submitted a plan for a sewerage system to the Provincial Board of Health for approval. Lake Huron will be used as the outlet.

GLACE BAY, N.S.—New tenders have been taken for erection of electric light station for the town.—It is reported that the Government have decided upon a site for a new post office.

REVELSTOKE, B.C. — The congregation of Knox church have had plans prepared for a new edifice 50 feet square with tower and belfry, basement of stone, wood superstructure.

FREDERICTON, N.B. — Tenders are invited by the Commissioner of Public Works up to July 10th, for rebuilding Phillip McKenzie bridge in parish of Petersville, Queens County.

GUELPH, ONT.—F. Gelinas, Secretary Department Public Works, Ottawa, will receive tenders up to July 17th for erection of an armory here. Plans on

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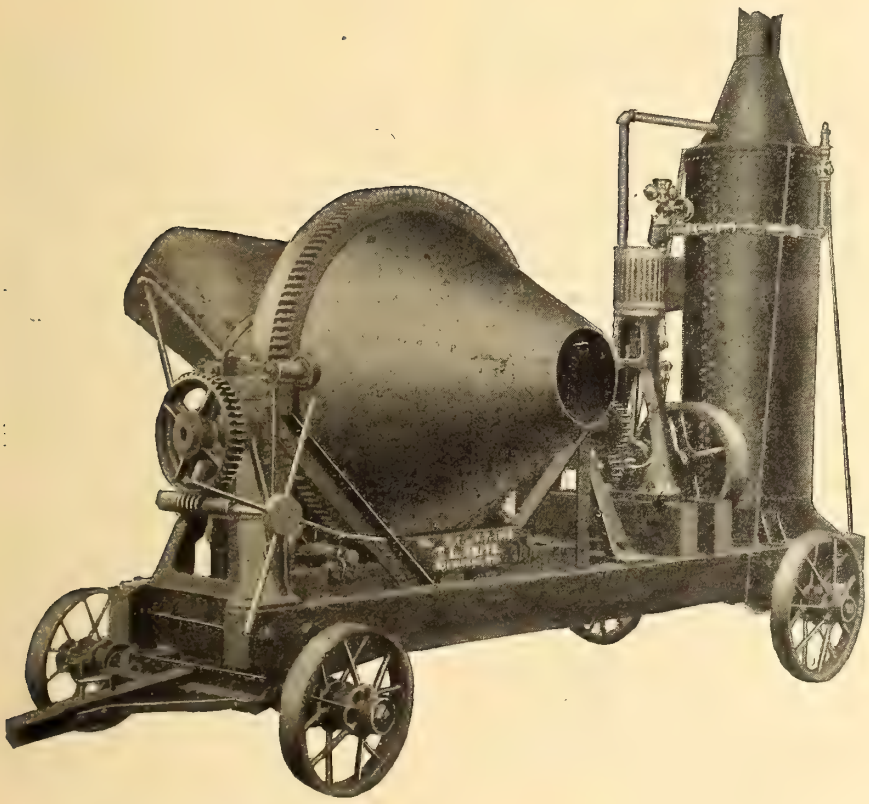

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application to the caretaker of the post office.

PORTAGE LA PRAIRIE, MAN.—The contract for pumping machinery for the waterworks system has not yet been awarded, and it is said that tenders will be invited for compressed air apparatus.

MONCTON, N.B. — D. Pottinger, manager Intercolonial Railway, wants tenders by 11th inst. for construction of a station building and a combined freight and passenger building at McIntyre Lake, N.S.

WATERLOO, ONT.—By-laws have been passed by the Town Council to raise $2,000 for park purposes, $2,000 for improvements to the market house and $3,000 for improvements in the fire department.

NELSON, B.C. — A. Carrie, architect, has estimated the cost of a steam heating plant for the public school at $3,264, and of a hot water plant at $5 291. He has recommended hot water.

WINCHESTER, ONT.—Tenders are requested by Dunn & Fullerton, engineers, by July 15th, for construction of B low drain in townships of Winchester and Mountain; estimated excavation, 17,720 yards.

MORRIS, MAN. — The Canadian Northern Railway have had plans prepared for a steel bridge 800 feet long to span the Red river at this place, work to be commenced this summer; estimated cost, $25,000.

WILLIAMSTOWN, ONT. — G. H. McGillivray, Clerk. Township of Charlottenburg, requests tenders by Saturday, July 29th, for construction of concrete abutments for a bridge crossing the South Branch river.

OWEN SOUND, ONT.—The proposed Sunday School building for Knox church, estimated to cost $10,000, will not be commenced until $5,000 is subscribed.—John Wright & Sons are about to build a warehouse.

WHALEN, ONT.—Tenders are requested by Frances Morley, Clerk Township of Usborne, up to July 15th, for construction of the Elimville Creek drain. Separate tenders received for covered portion of the work.

BRYSON, QUE.—Tenders are invited by the Department of Public Works, Ottawa, up to Thursday, August 3rd, for repairs to bridge and reconstruction of approach spans, this place. Plans on application to the Postmaster.

BROCKVILLE, ONT.—The Brockville Fair Association have decided upon increased accommodation and will invite tenders for a new dairy building 40 × 24 feet and new horse stalls. Other work will be done by day labor.

WINDSOR, ONT.—Stephen Lusted, City Clerk, wants bids by July 10th for purchase of the following debentures: $13,157.20 10-year 4½ per cent.; $72,523.54 10-year 4½ per cent.; $20,500 20-year 4½ per cent.; $20,000 10-year 4 per cent.

ORILLIA, ONT. — Tenders are invited by J. F. Morris, Secretary Building Committee, up to Friday, July 14th, for erection of a Y.M.C.A. building in this town, of brick and stone with slate and iron roof. Plans at offices of Croker & Hoy, architects.

MELITA, MAN.—The Council of Arthur Municipality, at a meeting here last week, decided to take steps to construct a traffic bridge over the Souris river.—W.A. Elliott, architect, Brandon, is preparing plans for addition to school building here.

CHATHAM, N. B.—The Council will secure expert advice on the question of extending and improving the electric light plant, extending the waterworks and sewerage systems and purchase of steam road roller.—Debentures to the extent of $11,100 will be issued by the town.

BRANTFORD, ONT.—The City Engineer has been instructed to report on the construction of a macadam roadway on Chestnut ave., from Dufferin ave. west.—It is understood that the Brantford Screw Co. are considering the advisability of building an addition to their factory.

PRINCE ALBERT, N. W. T.—C. O. Davidson, Secretary-Treasurer of the Corporation, will receive tenders up to July 20th for supply of two chemical fire engines, one hose reel, one ladder truck, one light wagon and six smoke protectors, also for purchase of $50,000 30-year 4½ per cent. debentures, and $2,500 10-year 4½ per cent. debentures.

PETERBORO, ONT.—John Crane, Chairman Property Committee, requests tenders by July 15 h for repairs to schools, including carpentry, painting and concrete work. Plans at office of William Blackwell, architect.—A plan has been submitted to the Board of Public Works for the diversion of the creek from Barnardo ave. to the river, at a cost of $3,400.

TORONTO JUNCTION, ONT.—The following building permits were granted last week: C. H. Bath, dwelling on Quebec avenue, cost $2,500; W. H. Milne, dwelling on Keele street, cost $2,200; L. McLean, dwelling on Cooper avenue, cost $1,200; Issac Lennox, dwelling on Humberside avenue, cost $1,600; G. H. Large, brick dwelling on Beatrice street, cost $2,500.

MOOSOMIN, N. W. T.—Engineer Wiggins, of Regina, is about to make a survey of the new drainage project here. He will also submit estimates for tanks in connection with fire protection system.—Mrs. Mills will build on the corner of Main and Broadway streets. — J. F. Spooner, proprietor of the King's Hotel, is having plans prepared for additions and improvements.

MONTREAL, QUE.—The directors of the Windsor Hotel will appoint an architect this week to prepare plans for proposed new building.—The purchase of a site for a fire station in the west end was discussed at a meeting of the Fire Committee last week.—Plans will be prepared at once for a new edifice for Emmanuel Congregational church. A pastor's residence may also be built.

LONDON, ONT.—A.O. Graydon, City Engineer, will receive tenders up to 5 p. m. on Thursday, 6th inst., for construction of a sewer on Princess ave. and English street and an asphalt pavement on Dundas street from Lyle street to Queen's Park, also bitulithic pavements on Richmond street, from Oxford to Fullerton street and from G. T. R. tracks to Horton street.

NEW WESTMINSTER, B.C. — Plans have been completed for the buildings and plant for the Fraser River Tannery Co. to be established in South Westminster. There will be three frame buildings, the largest 150 × 300 feet and three stories high. The machinery will cost about $10,000. Charles D. Bennett is manager of the company.

FORT FRANCES, ONT.—The loss by the recent fire will probably exceed $200,000, but most of the establishments will be rebuilt. Paul & Wilson intend building on Mowat street and Frailey & Breckon on Portage ave. L. Christie has had plans prepared for a two-storey block corner Church and Mowat streets, cost $16,000. William Bishop will likely build on his old site. A. E. Blow will build a residence on Victoria ave.

CALGARY, N.W.T.—The J. I. Case Threshing Machine Co. have purchased property on Tenth ave. on which they will erect a three-storey brick and stone warehouse 250 × 88 feet.—The Calgary Colonization Co., who have awarded contracts for ten large grain elevators between Edmonton and Macleod, intend building ten others of equal size this fall. They are also figuring on the erection of a large milling plant here.

STRATFORD, ONT.—A deputation representing the County Councils of Wellington, Perth, Oxford, Waterloo and Brant last week requested the Ontario Government to aid them in building a sanitarium for consumptives.—The City Council will submit a by-law to the ratepayers on July 26th to guarantee the bonds of the Dominion Tread Co. to the extent of $30,000, for which they agree to erect a brick factory costing $45,000.

FORT WILLIAM, ONT. — The Baptist congregation have decided to procure plans for a $10,000 church to be built on corner of Donald and Archibald streets.—John Galt, C. E., Toronto, has submitted his report on a water supply, which he estimates will cost $215,000, made up as follows: Loch Lomond and tunnel, $120,000; 16-inch supply main, $17,000; compensating steel storage tank, $16,000; 18-inch cast iron main, $48,000; River crossing, $14,000.

OTTAWA, ONT.—John Henderson, City Clerk, requests tenders by July 6th for furniture, etc., for the Public Library. —The Waterworks Committee have decided to call for tenders for a travelling crane at the pumping station, to cost about $3,000. —It is probable that $65,000 of debentures will be issued for

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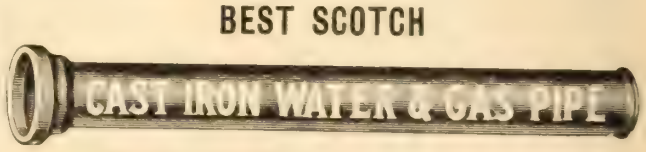

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waterworks improvements.—It is learned that options are being secured on properties east of the Central depot for enlargement of railway terminal facilities.

MONTREAL, QUE.—The Catholic School Commissioners have decided to call for new tenders for $200,000 loan. The highest tenderer was the Dominion Securities Co., at 101.57, with compound interest. — David R. Brown, architect, has prepared plans for an apartment house to be built on the Linton property, Sherbrooke street, to be 125 × 170 feet, 10 stories, walls of stone, brick and terra cotta, passenger and freight elevator, electric light, steam heating, cold storage plant, etc.; estimated cost, $500,000.

EDMONTON, N.W.T. — Fitzgerald & Bowen will build a two-storey business block on the corner of Third street and Jasper ave., the ground floor to consist of two stores with plate glass fronts. Material will be red sandstone for ground floor and pressed brick with stone facings for upper storey.—It is understood that Revillon Bros. intend erecting an extensive track warehouse on Isabella street.—All Saints church will be extensively improved at a cost of $9,000.—The Hospital Board have selected a site for new hospital.

HAMILTON, ONT.—The architect is endeavoring to modify the plans for a new wing and changing the heating system so as to bring the cost within the appropriation of $50,000.—John Sullivan is about to build a brick residence on Macnab street, between Mulberry and Colborne streets, from plans by Robert Clohecy, architect.—W. H. Cooper will build a $2,000 residence on Murray street.—A. W. Peene, architect, has submitted an estimate for alterations to the public library building, to cost about $2,700.—The Hamilton, Caledonia and Lake Erie Electric Railway Co. expect to complete financial arrangements for building the line at an early date.

VANCOUVER, B.C.—The plans of the Stave Lake Power Co. have been approved by the Government. The company are to begin work by the construction of a coffer dam on east branch of the Stave river.—Swift & Co., of Chicago, are reported to have decided to establish a pork packing plant in this city, at an approximate cost of $200,000.—Grant & Henderson, architects, are preparing plans for a new block to be erected on Pender street for R. V. Winch three stories, 52 × 120 feet, cost $25,000 Same architects have just completed plans for a residence for W. H. Ker, of the Brackman-Ker Milling Co., to be built on Pendrill street, near Bute, cost about $8,000.

VICTORIA, B. C.—Arthur L. Adams, of San Francisco, Cal., has submitted his report on waterworks improvements. He recommends that Goldstream be utilized as the source of supply and estimates the cost of the necessary improvements and works at that point at a little over $600,000. This includes $311,500 for a 24-inch pipe line to Victoria Arm.—The City Council have decided to submit a by-law to the people to raise $100,000 for further extending the sewers.—The City Electrician has been instructed to report on the cost of installing a plant for city lighting purposes.—Ald. Hall will ask leave in Council to introduce a by-law to raise $30,000 to purchase a site and erect a new school in Victoria West.

WINNIPEG, MAN.—The National Trust Co. is taking tenders on erection of frame residence, stable, implement shed and granaries near the city quarry.—The

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Lake-of-the-Woods Milling Co. have not yet decided where they will build their proposed new flour mill, which will have a daily capacity of 3,000 barrels.—C. J. Brown, City Clerk, is asking for tenders up to Monday, August 7th, for furnishing gas engine pumping plant with a capacity of 9,000 imperial gallons per minute against a pressure of 300 pounds per square inch. Specifications upon application to Colonel H. N. Ruttan, City Engineer.—The Council will let contracts this week for sewers, asphalt pavements and granolithic walks.—J. H. Cadham, architect, is this week taking tenders on erection of bank on Main street for Alloway & Champion.—Sproatt, Rolph & Wardell, architects, are taking tenders on a brick veneer and half timber residence in St. John's park for E. B. Nash. —The City Clerk will receive tenders up to July 18th for supply of sewer pipe and junctions, also up to 17th inst. for supply of valves and hydrants.

TORONTO, ONT.—J. Wilson Gray, architect, has completed plans for the new Knox church to be built north of Knox College on Spadina ave. It will be faced with stone and have a high steeple, electric light, steam heating, lavatories and electric motors for the organ. A large brick Sunday school to accommodate about 1,000 people is included in the plans The foundation of the church will be built this fall.—Darling & Pearson, architects, will receive tenders up to noon on Thursday, 6th inst., for the erection of a building on Yonge street for the Canadian Bank of Commerce.—The Board of Control are asking for tenders by July 11th for construction of three public lavatories.—Curry, Sproatt & Rolph, 90 Yonge street, will receive tenders up to 5 p. m. to-day (Wednesday) for taking down the Robinson House on Bay street.—E. J. Lennox, architect, will receive tenders up to Wednesday, 12th inst., for erection of three brick division stations for the Toronto & Niagara Power Co., at Stoney Creek, at Twenty-Mile Creek and at Clarkson's.—The Board of Control has recommended to the City Council that a grant of $200,000 be made towards the erection of a new general hospital, to cost at least $1,000,000. There is already in sight about $800,000.—The proposal to establish a municipal lighting plant on the Island is likely to be abandoned, as the City Engineer has reported that a plant would cost $90,000, whereas the city was empowered by the Legislature to spend only $40,000. —The Board of Control request tenders by Tuesday, 11th inst., for the removal of buildings in Alexandria Park, Bathurst street.—Fred W. Stair intends building an additional storey and making alterations to the building at north-east corner of Bay and Adelaide streets.—The Council intend constructing a 2x3 foot brick sewer on Avenue road, from near Cottingham street to St. Clair ave., at cost of $19,480, also the following roadways: Macadam, Elizabeth street, from Queen to College, cost $10,657; Dufferin street, Bloor to north city limits, $12,781; bituminous macadam, Withrow ave., Broadview to Logan, $11,446; asphalt, West moreland ave., Bloor to Van Horne street, $20,158; John street, King to Queen, $11,149; cedar block, Bloor street, Bathurst to Dufferin, $25,857; vitrified block, Gerrard street, Parliament to River, $21,291; brick, Perth ave., Bloor street to Royce ave. $24,263; Osler ave., Royce ave., to city limits, $7,329; concrete pavement on square around Court street police station, $1,575. —The City Engineer has recommended asphalt pavements on Empress Crescent, from Jameson to Dowling ave., $4,429; Prospect street, from Ontario street to Rose ave., $1,442; Richmond street, from Victoria to Church street, $6,787; cedar block for Shirley street, from Bruce to St. Clarens ave., $2,154; macadam for Curzon street, from Queen street to Doel ave., $5,245.—Plans of bridge reconstruction to be done at Bryson, Que., may be seen at the office of the Public Works of Canada, Confederation Life Building, this city. Tenders close August 3rd.—The time for the reception of tenders for extension to Toronto Island breakwater has been extended to July 15th, and in addition to the steel piling shown on the plans the Department of Public Works will receive separate tenders for the building of the work with the 35 pound per foot sheet piling manufactured by the United States Steel Piling Company, and also with the Freistedt interlocking steel piling, 33 pound rolled channel.—Gordon & Fowler, 157 Bay street, want tenders for brick work and excavating for house on George street.

CONTRACTS AWARDED.

MORRIS, MAN.—Residence for John McTavish: William Churchill, contractor for stone work.

WATERLOO, ONT.—Laying cement walks for the town: E. Dermul, successful tenderer, 11 cents per s qare foot.

WOODSLEE, ONT. — Laying Silex walks: Henry & Bondy, of Windsor, successful tenderers, 10¼ cents per square foot.

MOOSE JAW, N.W.T.—Four large residences on Fairford street west: Marple & Wilson, contractors.

LONDON, ONT.—Militia stores building on Carling's Heights: R. G. Wilson, successful tenderer, cost about $25,000.

MEAFORD, ONT.—$10,000 town debentures: Molson's Bank, purchasers, $10,050. The town will purchase a steam

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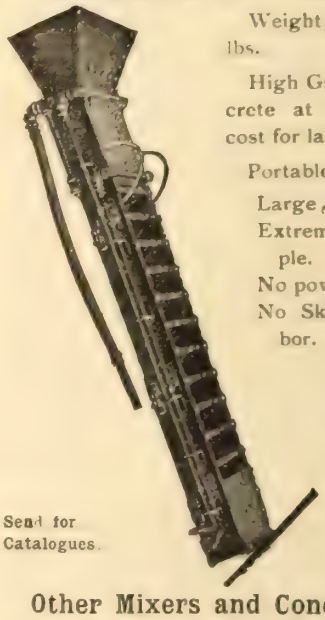

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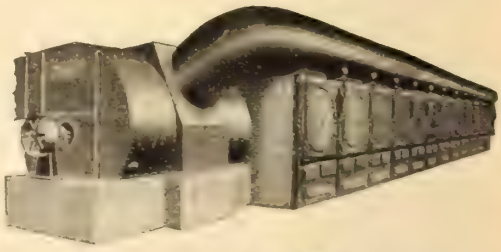

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WINNIPEG, MAN.—Agricultural College buildings: Main building, Snyder Bros., Portage la Prairie; other buildings, George Mitchell.

PARIS, ONT.—Heating Church of the Sacred Heart: James Smart Manufacturing Co., Brockville, Ont., successful tenderers.

EDMONTON, N.W.T. — Warehouse for Revellion Bros.: H. D. Johnson, architect; Ald. Dalton, contractor; steam heated, cost $11,500.

SYDNEY, N.S.—The contract for remodelling the coke ovens of the Dominion Iron & Steel Co. has been let to Heyl & Paterson, of Pittsburg.

COLLINGWOOD, ONT.—Addition to Presbyterian Sunday School: P. Palin, architect; Thomas Torgiss, contractor for brickwork and masonry.

NOTTAWA, ONT. — Residence for Walter Bristow: Architect, P. Palin, Collingwood; foundations and walls, R. Paterson, Collingwood; woodwork, S. Woolner.

BLYTHE, ONT.—The James Smart Manufacturing Co., of Brockville, have secured the contract for heating the public school and Presbyterian church in this town.

GUELPH, ONT. — The City Council have accepted the tender of the Goldie & McCulloch Co., of Galt, for the installation of engine, condenser, pump and piping for the lighting plant.

VANCOUVER, B.C.—Ironside, Rannie & Campbell have signed the contract for construction of the portion of the Nicola, Kamloops and Similkameen railway from Spencer's bridge to Nicola lake.

GORDON, ONT. — Excavation of Sucker Creek drain in township of Anderdon: Louis Lamont, successful tenderer, $2,100.—Excavation of Ouellette drain: Henry Knapp, successful tenderer, $545.

TORONTO, ONT. — York County Council have awarded the Hamilton Bridge Works Co. the contract for a steel bridge near Village of Bolton, at $1,715, also for a 100-foot steel span over the Humber river at the Upper Rountree mill at $1,950.

MOOSE JAW, N.W.T. — Bank of Hamilton block: Charles Mills, Hamilton, architect; Little & Latimer, contractors, $28,000 exclusive of fixtures and furnishings. Building will be 27 × 121 feet, three stories and basement, of Edmonton pressed brick and Calgary sandstone.

STRATHCONA, N.W.T.—Contracts in connection with the waterworks and and sewerage construction have been let as follows: Water tower, Ontario Wind Engine & Pump Co., Toronto, $8,880 plus $880 for casings; catch basins, manholes, etc., Jackson Bros., $4 per cwt.; laying outlet sewer, Burger & Sutherland, $1,705.

MONTREAL, QUE.—For a drain on Carriere street and Sherbrooke ave. tenders were received as follows: A. Bray & Co. (accepted), $9,621.68; P. Brunet and Toussaint, $10,625.18; Charpetier and Lautriel, $11,357.09; McKeown, $12,744.83.—The Caledonian Iron Works Co. have

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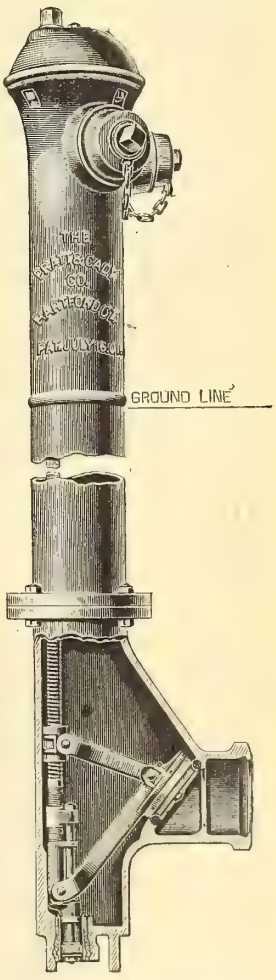

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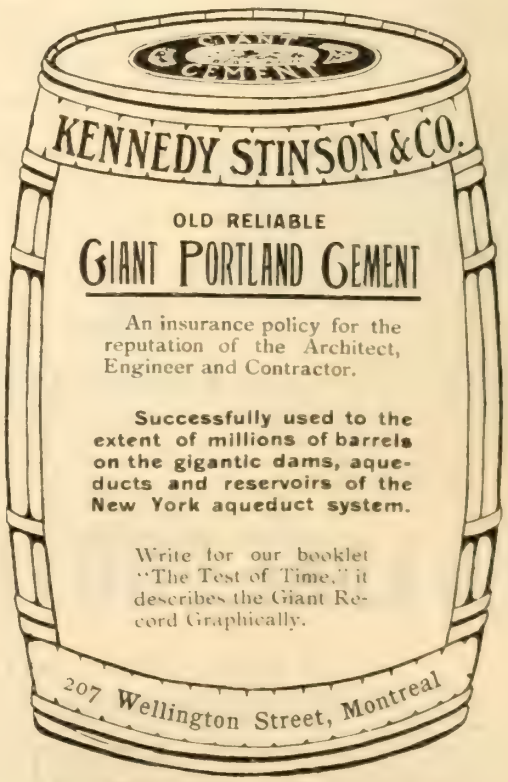

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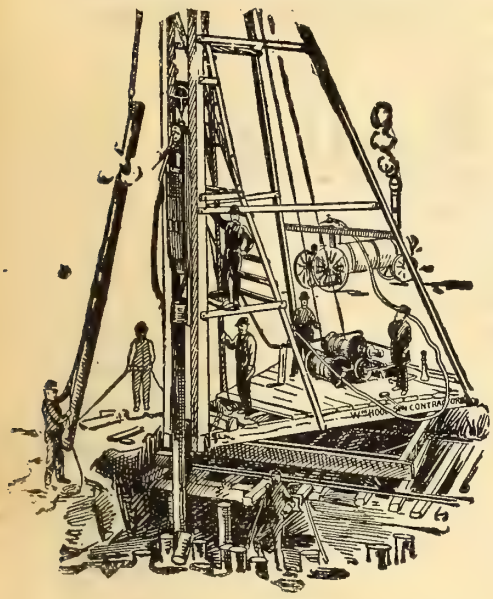

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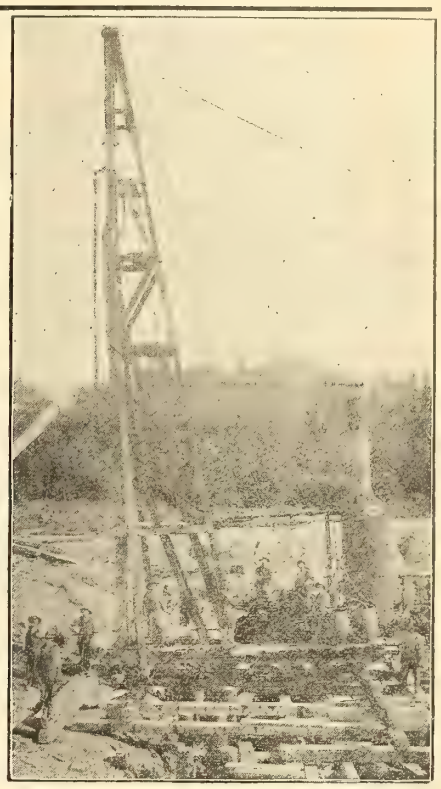

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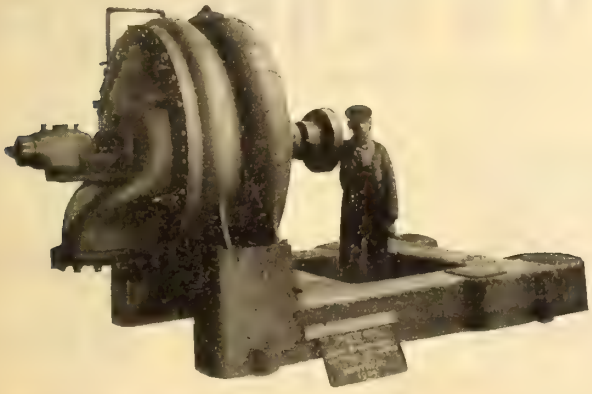

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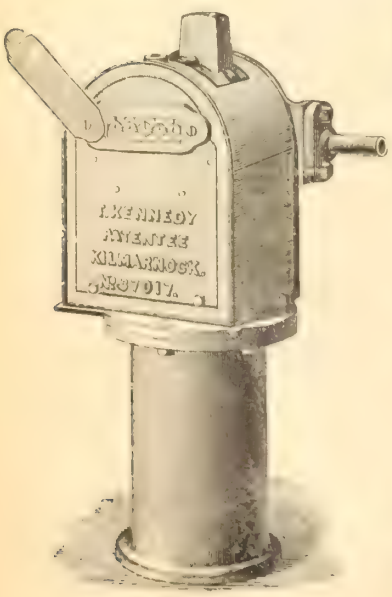

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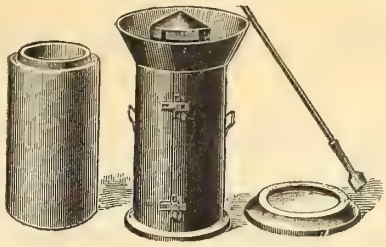

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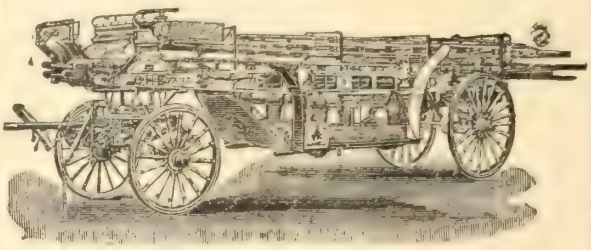

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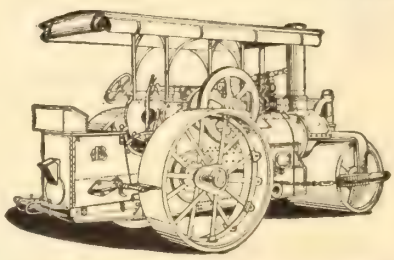

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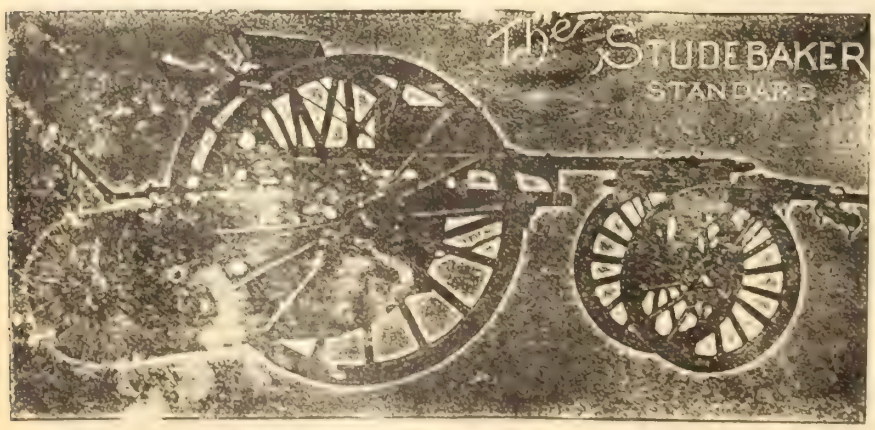

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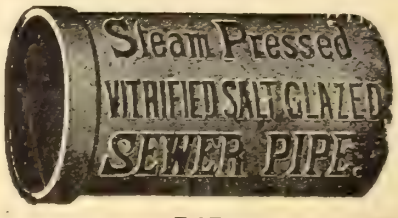

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ALSEN'S HAS BEEN SELECTED IN PREFERENCE TO ALL OTHER BRANDS, FOR THE SUBWAY RAPID TRANSIT STATIONS OF THE ENTIRE SYSTEM, REACHING FROM THE BATTERY TO THE BRONX.

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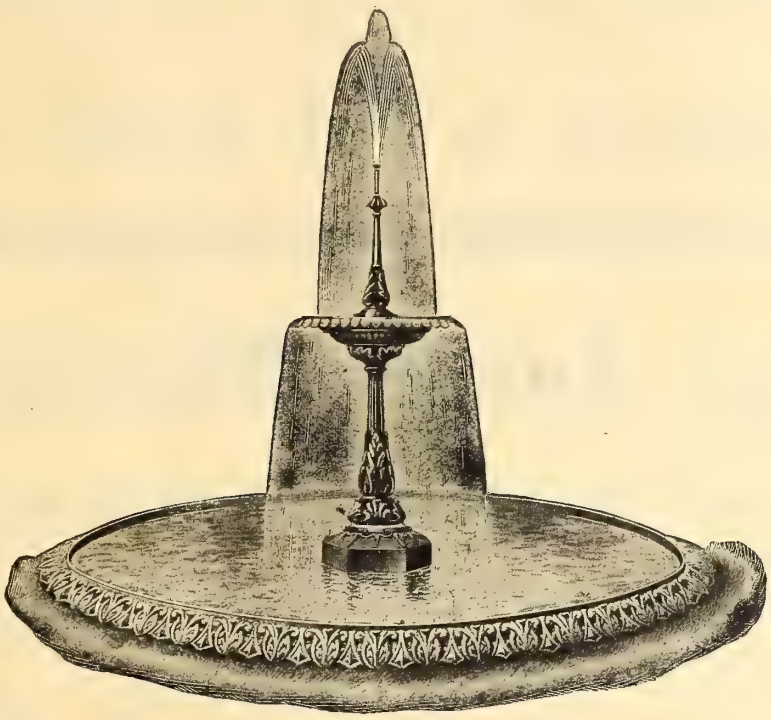

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Montreal Pipe Foundry Co., Limited

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Works at: LACHINE, QUE. THREE RIVERS, QUE LONDONDERRY, N. S.

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3 inches to 60 inches diameter.

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DO NOT EQUIP YOUR PLANT WITH POOR MATERIAL

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WE HAVE EVERYTHING THAT A CONTRACTOR REQUIRES

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From 1½ to 6 cubic yard capacity

These cars are superior, both in material and construction, also ease of operation, to any cars heretofore manufactured.

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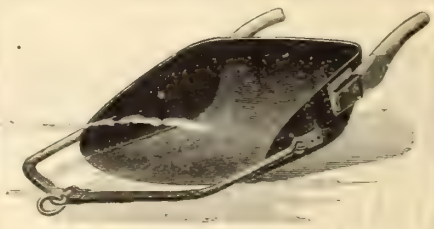

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Wheelscrapers, Drag Scrapers, Plows, Wheelbarrows, Picks, Shovels, Jacks, Pumps of all Kinds, Cars, Derricks, Hand Powers, Wire Rope, Manilla Rope, Rails, Rock Crushers, Concrete Mixers, Etc., Etc.

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MONTREAL

CANADIAN

Contract Record

A Weekly Journal of Public Works, Tenders, Advance Information and Municipal Progress

This Paper Reaches Every Week the Town and City Clerks, Town and City Engineers, County Clerks and County Engineers, Purchasers of Municipal Debentures and Leading Contractors in All Lines Throughout Canada

VOL. 16. TORONTO, MONTREAL — JULY 12, 1905 — WINNIPEG, VANCOUVER No. 18

THE CANADIAN CONTRACT RECORD
PUBLISHED EVERY WEDNESDAY
As an Intermediate Edition of the Canadian Architect and Builder.

THE C. H. MORTIMER PUBLISHING COMPANY
of Toronto, Limited,

Subscription Price, $2 per annum, payable in advance.

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WANTED

Position as Draughtsman in Architect's office or Builders' Clerk by young man having four years at practical building and three years in Architect's office. Address Box 91, CONTRACT RECORD, Toronto, Ont.

DEBENTURES FOR SALE

Tenders will be received up to noon of AUGUST 9TH, 1905, for the purchase of $10,000 Debentures of the Town of Qu'Appelle, N.W.T., payable in 20 equal annual instalments at six per cent. interest.

J. C. STARR, Secretary-Treasurer,
Town of Qu'Appelle, N.W.T.

TENDERS

will be received by the undersigned until JULY 22ND, 1905, for Repairing with Cement the East Abutment of the Steel Bridge over Horner's Creek, Concession 3, Township of Burford, according to plans and specifications prepared by F. J. Ure, C.E., of Woodstock, Ont., which plans may be seen at the office of the Clerk of the said Township of Burford, Ont.

A marked cheque for 5 per cent. of the amount of the tender, payable to the Treasurer of the Township Burford, must accompany each tender

The lowest or any other tender not necessarily accepted unless otherwise satisfactory.

PHILIP KELLY,
Clerk Township Burford,
Box 33, New Durham, Ont.

Concrete Walks

Town of Bracebridge, Ont.

Tenders for the construction of about 30,000 square feet of Cement Sidewalks will be received by the Town Clerk up to noon on MONDAY, 24TH JULY, 1905. Plans and specifications may be seen at my office in the Town Hall, Bracebridge. A certified check for $500. must accompany all tenders.

The right to reject any or all tenders is reserved by the Municipal Corporation.

ALEX. C. SALMON,
Town Clerk.

Bracebridge, July 8th, 1905.

FREDERICTON DEBENTURES

Sealed tenders, marked on the envelope "Tenders for Fredericton Debentures," and addressed to the undersigned, will be received until SATURDAY NOON, THE 15TH DAY OF JULY NEXT, for the following debentures to be issued by the City of Fredericton :

$4,000.00 in sums of $500.00 each, dated July 20th, 1905, payable in two years from issue, bearing interest at four per cent. payable half yearly. Issued under Act of Assembly of New Brunswick, 50th Victoria, Chapter 53.

Also :—$4000.00 in sums of $500 each, of the City of Fredericton Street Light Debentures dated October 1st, 1903, payable in thirty years from date of issue, bearing interest at 4 per cent. per annum from April 1st, 1905, payable half yearly. Issued under Act of Assembly of New Brunswick, 3rd Edward VII, Chapter 49.

Also :—$8,000.00 in sums of $500.00 each, dated July 20th 1905, bearing interest at 4 per cent. payable half yearly, and repayable $1,000.00 each year until the $8,000.00 has been retired. Issued under Act of Assembly of New Brunswick, 5th Edward VII, Chapter 55.

Parties may tender for the whole or any part of the above debentures.

The lowest or any tender not necessarily accepted.

By order of the City Council.

J. W. McCREADY,
City Clerk.

Fredericton, N. B., June 15th, 1905.

TOWN OF INDIAN HEAD, N. W. T.

TENDERS
FOR
Waterworks and Electric Lighting Machinery

Sealed tenders, addressed to the undersigned, will be received up to 8 p.m. on MONDAY, JULY 17TH, 1905, for the following works. The tenders for the several sections are to be made out independently.

Section "A"—Engine and Generator

The supply and erection of a 150 K. W., 60 cycle, 2,200 volt A. C. Generator with direct connected Engine, also Exciter (direct connected), Switchboard Regulator, etc., and all the necessary Wiring within the Power House.

Section "B"—Electric Light Distribution System

The supply and erection of all necessary Poles, including Cross-Arms, Pins and Insulators, Transformers, Arc Lamps, etc., and the supplying and the stringing of the necessary Wires.

Section "C"—Water Tube Boiler

The supply and erection of a Water Tube Boiler having an effective heating surface of not less than 1,800 square feet.

Section "D"—Underwriter Fire Pump

The supply and erection of a 10" x 12" x 16" Underwriter Fire Pump.

Plans and specifications may be seen and forms of tender obtained at the office of the undersigned or at the office of JOHN GALT, C. E. and M. E., Consulting Engineer, Toronto.

A certified bank cheque for $500 must accompany each tender for Sections "A" or "B" and for $300 for Sections "C" or "D".

The lowest or any tender not necessarily accepted.

O. J. GODFREY, Town Clerk.

TENDERS FOR CEMENT WALKS

Tenders are asked for building about 35,000 square feet of cement walks in the Village of Marmora. Plans and specifications may be seen at the office of the Clerk, on and after July 5th. State price per square yard. Tenders to be opened on 1ST AUGUST. Lowest nor any tender not necessarily accepted.

RENDOL SNELL, Village Clerk.

TENDERS WANTED

Tenders will be received up to JULY 20TH, 1905, by Joseph Wright, Clerk of the Village of Beeton, for the construction of 5,000 feet more or less of Cement Sidewalks, the same to be completed before the 20th of September, 1905. Specifications can be seen in Clerk's office. The lowest or any tender not necessarily accepted.

JOSEPH WRIGHT,
Clerk of Beeton, Ont.

TENDERS

for the Town of Milton, Ont., covering Steel Stack, Boiler, Pump, Heater, Steam and Exhaust Piping, High Speed Engine, Generator, Balancer Set, Switchboard, and all other power house equipment, will be received by the undersigned up till noon, JULY 22ND, 1905. The lowest or any tender not necessarily accepted. Specifications may be seen at the office of

K. L. AITKEN, Consulting Engineer,
164 Bay St., Toronto, Ont.

TENDERS WANTED

Tenders for construction of about 15,000 square feet of Concrete Walks, besides crossings, etc., in Town of Mitchell, Ont., will be received up to 22ND JULY, 1905, at two o'clock p.m.

Specifications and other particulars furnished on application to the undersigned.

JAMES BARNETT,
Town Clerk.

TENDERS
FOR
ELECTRIC LIGHT PLANT

Sealed tenders will be received up to the 18TH DAY OF JULY, 1905, for apparatus, poles, wires, etc., and on the construction of an Electric Light Plant for the City of Salaberry de Valleyfield, Que. Tenders received on the whole only, addressed to "C. A. Lavimodiere, City Clerk, Valleyfield."

An accepted cheque on a chartered bank of Canada, equal to 5% of the total amount of the tender, must accompany each tender, and made payable to the City of Salaberry de Valleyfield. The above deposit will be forfeited in case the bidder fails to enter into contract and give bond with good and sufficient securities if the work is awarded to him, and to be returned in case of non-acceptance.

Plans and specifications for each contract may be seen at the City Clerk's or Engineer's offices.

The lowest or any tender not necessarily accepted.

C. A. LAVIMODIERE,
City Clerk,
Salaberry de Valleyfield, Que.

CHARLES BRANDEIS, C.E.,
Consulting Engineer,
62-63 Guardian Building, Montreal, Que.

[FOR ADDITIONAL ADVERTISEMENTS FOR TENDERS SEE NEXT PAGE.]

DEBENTURES

Sealed bids will be received [illegible] signed up to the 20TH JULY, 190., for the following City of [illegible] Bank debentures:

$50,000 4½%, repayable in thirty equal consecutive annual instalments of principal and interest.

$2,500 4½%, repayable in ten equal consecutive annual instalments of principal and interest.

Bids to include accrued interest from date of debentures, 30th March, 1905.

Lowest or any bid not necessarily accepted.

C. O. DAVIDSON,
Secretary-Treasurer.

BRICK PAVEMENT

Tenders for the construction of a Vitrified Brick Pavement on Talbot Street, from King to Fullarton Streets, will be received at this office up to 5 o'clock on THURSDAY, JULY 29TH, 1905.

Plans, specifications, etc., can be seen at this office.

A. O. GRAYDON, City Engineer.
London, Ont.

ALD. JOHN FORRISTAL,
Chairman No. 2 Committee.

Tenders Wanted

Tenders will be received by the undersigned until 12 o'clock, noon, on TUESDAY, THE 1ST DAY OF AUGUST, PROXIMO, for the construction of Granolithic Sidewalks on the principal streets of the Village of Chesterville, Ont.

It is expected that the superficial area of the sidewalks to be constructed will be 33 968 feet, but may be less than or exceed this number

Plan, profile, specifications and conditions of performing the work, etc., may be seen at the office of the undersigned.

Tenderers will please state the price demanded per superficial foot.

Lowest or any tender not necessarily accepted.

W. J. NASH,
Village Clerk.

Dated July 6th, 1905.

Tenders for

CONCRETE WORK

Tenders will be received by the undersigned up to 12 o'clock, noon of TUESDAY, JULY 18TH, 1905, for the construction of two Concrete Abutments for a Steel Bridge over a branch of the Humber River on the town line between the Counties of York and Peel near the Village of Bolton.

Plans and specifications may be seen and all necessary information obtained at the office of S. A. Egan, Esq., County Councillor, Bolton, Ont., or at the office of the undersigned, County Municipal Hall, 57 Adelaide Street East, Toronto.

The lowest or any tender will not necessarily be aceepted.

By order of the Commissioners.

JAS. McDOUGALL, C.E.,
Engineer County of York.

Toronto, July 5th, 1905.

CITY OF WINNIPEG

FIRE SERVICE WATER WORKS

Sealed tenders addressed to [illegible] Chairman [illegible] Water and Light Committee, for [illegible] at the office of the [illegible]

MONDAY, AUGUST 7, 1905

Specifications [illegible] upon application [illegible] H. N. Ratten, City Engineer, Winnipeg, Canada.

Each tender must be [illegible] cheque, draft or [illegible] $5,000.00, which will be subject to forfeiture in case of [illegible] on the part of [illegible] a written contract with approved sureties if called upon to do so.

The city reserves the right to reject any or all tenders [illegible] accept [illegible] cous to the city of Winnipeg.

C. J. BROWN,
City Clerk.

City Clerk's Office,
Winnipeg, June [illegible], 1905.

TENDERS

for Steam Heating the Court House and Registry Office at Whitby, Ont., will be received by the undersigned up to the 24TH JULY, instant.

Plans and Specifications can be seen at the County Clerk's office on and after 13th July

The lowest or any tender not necessarily accepted.

J. E. FAREWELL,
County Clerk

THE GUELPH AND GODERICH RAILWAY

TENDERS WANTED

FOR

FOURTEEN STATIONS

Plans and specifications may be seen at the office of the Chief Engineer at Goderich on and after July 15th, 1905, and tenders will be received up to four p.m. on MONDAY, JULY 24TH, 1905, for Fourteen Frame Stations to be built between Guelph and Goderich on the Guelph and Goderich Railway.

P. ALEX. PETERSON,
Chief Engineer.

Goderich, July 10th, 1905.

CONTRACTS OPEN.

PETERBORO, ONT.—The city may purchase a new fire engine.

ENDERBY, B.C. — W. A. Dobson purposes building a $4,000 residence.

CARMAN, MAN.—The purchase of a new fire engine is being considered.

ESSEX, ONT. — The Council will borrow $4,000 for school improvements.

BELLEVILLE, ONT.—The city will expend $15,000 in extending the gas plant.

WELLAND, ONT.—Mrs. McEwing will build a residence on East Main street.

SOUTH VANCOUVER, B.C.—The Municipality may float a $50,000 loan for improvements.

MOOSE JAW, N.W.T. — The town will invite tenders for construction of cement sidewalks.

SEAFORTH, ONT. — The Canada Furniture Manufacturers are taking tenders on new factory.

FREDERICTON, N. B.—C. J. B. Simmons intends building a residence on Brunswick street.

RAINY RIVER, ONT.—A system of waterworks and sewerage is proposed, probable cost $55,000.

CAMPBELLTON, N.B.—The Town Council are taking steps to enlarge the waterworks reservoir.

NORTH TORONTO, ONT. — J. Wright is about to erect a $10,000 residence on Victoria ave.

GANANOQUE, ONT.—A by-law to provide $30,000 for waterworks extension was carried here last week.

KAMLOOPS, B.C.—J. J. Carment, City Clerk, will receive tenders upto 20th inst. for erection of fire hall.

INGERSOLL, ONT.—Tenders will be invited for electric lighting of the town. —A sewerage system is proposed.

NAPANEE, ONT.—A by-law to raise $35,000 for a municipal electric light plant was carried here on July 7th.

SHOAL LAKE, MAN.—W. M. Ingersoll has just taken tenders on a brick veneer school house in this village.

REVELSTOKE, B.C.—A by-law to borrow $20,000 for waterworks and electric light was carried here recently.

TWEED, ONT.—Rev. J. S. Quinn wants tenders by August 2nd for heating by steam St. Carthagh's R.C. church.

MORRIS, MAN.—The C.N.R. bridge to span the river at this place will be 800 feet long and will cost about $250,000.

NEW WESTMINSTER, B.C.—The Board of Trade will urge the Dominion Government to raise the Pitt river bridge.

HULL, QUE.—Mr. Boucher, Montreal, was in the city last week looking or a site on which to build a large hotel.

SARNIA, ONT. — J. H. B. Moore, Reeve, will receive tenders up to 20th inst. for purchase of drainage debentures.

FRANK, N.W.T. — The Canadian Metal Co. are canvassing the town with a view to installing an electric light plant.

CORNWALL, ONT. — Tenders are invited up to 18th inst. for erection of Catholic school building on Augustus steeet.

GUELPH, ONT.—The proposal to instal a new waterworks filter, at a probable cost of $10,000, is still being discussed.

HOLLAND, MAN. — The Government Engineer was here recently making surveys for the purpose of draining Boyne marsh.

MACLEOD, N.W.T.—Willis Chipman, C.E., Toronto, has estimated the cost of proposed waterworks system at $80,000.

FORT ERIE, ONT.—The E. R. Thomas Motor Co. will make a proposition to the village to instal a waterworks system.

MONCTON, N.B. — The City Engineer has been requested to prepare plans for rebuilding the Foundry street sewer.

SELKIRK, MAN.—The C.P.R. have had plans prepared for a bridge to be built across the Red river near St. Andrew's rapids.

OIL SPRINGS, ONT.—Bids requested by D. P. Sisk, Village Clerk, by 19th inst., for purchase of $6,000 15-year 5 per cent. debentures.

REGINA, N. W. T. — The Smith-Ferguson Co. have had plans prepared for a two-storey warehouse 48x80 feet, covered with iron.

FERNIE, B.C.—The town will receive bids up to July 20th for purchase of debentures issued for construction of waterworks system.

QUEBEC, QUE. — J. Gallagher, waterworks engineer, will receive tenders up to 20th inst. for repairing and raising the dam of the aqueduct.

GRAVENHURST, ONT. — Thomas McCormick, biscuit manufacturer, has donated $3,000 to build a cottage at the sanitarium for consumptives.

ST. BONIFACE, MAN.—The by-law to assist the Royal Canadian Flour Mills Co. to build a mill here was carried last week by a large majority.

BRADFORD, ONT. — S. Martin, Chairman Property Committee, desires tenders by 15th inst. for heating and ventilating system for public school.

ST. MARY'S, N. B.—Daniel Babbitt intends building a fine residence.—T. B. Babbitt & Sons, of Gibson, have commenced the erection of a new saw mill here.

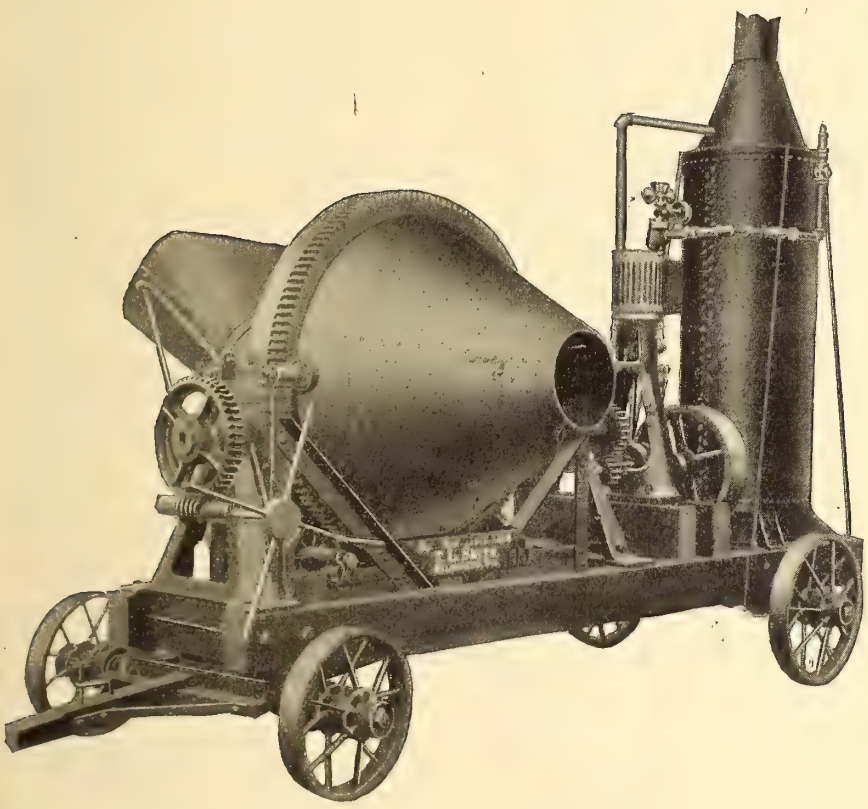
PARRSBORO, N.S.—The Standard Coal & Railway Co. are having surveys made for a line of railway between Truro and Parrsboro and Parrsboro and Maccan.

GODERICH, ONT.—The Goderich Heat, Light & Power Co. have asked the town for a 20-year franchise. Hon. J. W. St John and Peter Ryan, of Toronto, are interested.

HAMIOTA, MAN.—Wm.G.Juergenss Corporation Treasurer, will receive bid, up to July 21st, for purchase of $1,000 6 per cent. debentures of Watson's School District No. 1327.

CALGARY, N.W.T. — The Department of Public Works, Ottawa, are ask-

OVER 200 SMITH MIXERS SOLD



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Than Any Other Concrete Mixer on the Market

W. H. C. MUSSEN & CO., MONTREAL

ing for tenders by August 7th for additions and alterations to post office and customs buildings here.

HARROW, ONT.—Bids received by James H. Brown, Township Treasurer, up to Saturday, 22nd inst., for purchase of $13,204.90 drainage debentures of Township of Colchester South.

PEMBROKE, ONT.—Alex. Barr is preparing to build a new carriage factory, of cement blocks.—The County Council will build a concrete bridge over the Waba creek, cost $2,500.

CLINTON, ONT.—Tenders for factory building for the Clinton Knitting Co. will be received by H. B. Combe up to 20th inst. Plans by Stewart, Witton & Taylor, architects, Brantford.

EDMONTON, N.W.T.—George Hutton intends building a livery and sales stable.—It is expected that work will be commenced within three weeks on the new Canadian Northern station.

BARRIE, ONT. — Thos. Kennedy, architect, will receive tenders up to Saturday, 15th inst., for carpenter work of a pair of semi-detached houses for E. T. Tyrer, also a pair for P. J. Moore, to be erected in this town.

QU'APPELLE, N.W.T.—J. C. Starr, Secretary-Treasurer, has invited architects to submit plans by July 26 for a town hall 40×60 feet, two stories and basement, building to be of brick with stone foundation.

ST. CATHARINES, ONT. — The ratepayers, by a large majority, have decided in favor of granting a free site to the Jenckes Machine Co., of Sherbrooke, Que. Work on the building will be commenced immediately.

OTTAWA, ONT.—B. J. Hurdenburg and Bradford L. Gilbert, architects, of New York, have been engaged to prepare plans for a million dollar hotel to be built on the site of the Grand Union in this city. Promoters, J. Paisley, A. F. McLaren, M.P., Hugh Fleming and others.

RAYMOND, N.W.T.—Frank Fairbanks proposes building a business block on Broadway.—The Bank of Montreal purpose proceeding at once with erection of their building, which will be two stories, brick veneer, hot water heating, cost $15,000.—The Raymond Mill & Elevator Co. intend building an elevator.

LONDON, ONT. — The Presbytery of London have decided to take steps to establish a church at Chelsea Green.—By-laws have been passed providing for a number of local improvements, including a vitrified brick pavement on Talbot street, from King to Fullarton.

WINGHAM, ONT. — By-laws were carried here last week to raise $12,000 by debentures for improving and extending the waterworks system, also fixing the assessment of the Canada Furniture Co.'s property at $20,000 for a period of ten years, in consideration of which the company will erect an addition to their factory 64 × 70 feet.

FORT FRANCES, ONT—The plans for the town hall are being modified so as to reduce the cost.—Tenders for waterworks system will be invited at an early date.—W. G. Breckon and W. E. Fraleigh are negotiating for sites on which to build.—The Canadian Bank of Commerce will build on the corner of Church and Mowat streets.

PARIS, ONT.—The Town Council may co operate with a private company in piping natural gas from the wells at Attercliffe, near Dunnville.—The Penman Manufacturing Co. are having plans prepared for extensive additions and improvements.—Work will shortly be commenced on the G T.R. station.

OWEN SOUND, ONT.—The tenders received by the town for construction of cement sidewalks were considered too high and the work may be done by day labor. Sewers may also be constructed by day work.—The ratepayers of Sarawak Township last week carried a by-law to raise $2,000 for building a steel and cement bridge over the Indian river at Nelson's mill.

MEAFORD, ONT. — Rev. W. F. Price will receive tenders up to 15th inst. for erection of Baptist church.—Tenders will be received by R. Agnew, Secretary of the Meaford and St. Vincent Agricultural Society, up to July 14th. Plans and specifications at his office, Meaford, or at the office of Thos. Kennedy, architect, Barrie.—The Council have decided to submit a by-law to the ratepayers to raise funds to purchase an electric light plant and pumping machinery.

VICTORIA, B. C.—It is understood that a local architect is preparing plans for a brick block to be built on Government street for Oscar Promis, of San Jose, Cal., to be 45x140 feet, two stories, containing stores and offices.—J. C. M. Keith has taken tenders on a residence at Goldstream for James Phair.

BRANTFORD, ONT.—George Hately has just taken tenders on erection of a rectory for Grace church.—The proposed works of the Heinz Pickle Co. will be built opposite the T.H. & B. freight sheds.—The Dominion Natural Gas Co. are seeking a franchise here.—G. W. Hall, architect, is taking tenders up to 14th inst. for additions and alterations to Y. W.C.A. building.

NIAGARA FALLS, ONT. — The Hospital Committee have accepted the plans of E. D. Pitt, architect, for the proposed first building of the General Hospital, which is to cost about $18,000. Construction will proceed as soon as working plans can be prepared. Mr. Pitt is also completing the plans for new chemical works to be built at South River for the Standard Chemical Co., to be mainly in solid concrete, with timber and steel roof; five buildings in all, with main buildings 182 × 50 feet and 74 feet wide.

ST. JOHN, N.B.—The highest tender received for the city's loan of $500,000 at 3½ per cent. is 88.35, which is not likely to be accepted.—Gilmour Brown, C.E., has finished his inspection of the New Brunswick Coal & Railway Co.'s line and will immediately submit to the Government his report on improvements.—The Penobsquis Natural Sulphur Spring Co. has been organized by Samuel Watson and W. O. Tewson, both of this city. They have acquired a natural spring near Penobsquis and have purchased land at Springdale on which to build a summer hotel.

VANCOUVER, B.C.—G. W. Grant, architect, has submitted to the City Council plans for an Isolation Hospital,

Canadian White Company, Limited

SOVEREIGN BANK BUILDING, MONTREAL, CANADA

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We manufacture every class of Hoisting Derricks both for Hand or Power. Write for our price list of Standard Builders' and Contractors' Derricks, 1500 pounds to 7 tons capacity.

MILLER BROS. & TOMS
MONTREAL

to cost about $25,000. The ratepayers will likely vote on the project.—Thomson Bros., stationers, have decided to add two stories to their building on Hastings street.—A by-law will likely be submitted to the ratepayers in the near future to provide funds for construction of sewers. —Two blocks of land situated between Mount Pleasant and Fairview have been purchased by the Provincial Government as school sites. One of the blocks will be used for the new Normal school, while the other will be acquired by the city as the site for another public school, for which plans have already been prepared.

HAMILTON, ONT. — Stewart & Witton, architects, will apply to the city for a franchise for a central heating plant, the idea being to pipe steam to customers within a radius of four or five blocks from the corner of King and James streets.—The Canadian Westinghouse Co. have prepared plans for doubling their foundry building.—Steps have been taken towards the erection of a new rink, of steel, 76 × 180 feet, cost $20,000. Hon. J. S. Hendrie and William Hendrie, jr., are interested.—It is said that the Roman Catholic Association will build a new Separate school adjoining St. Patrick's church. — Work on the Twentieth Century Club's building will be commenced about August 1st.—The Canada Steel Goods Co., of Toronto, are taking tenders up to 13th inst. for erection of a cement and frame factory on Arthur street, this city.—Building permits have been granted as follows: A. K. Melbourne Co., warehouse, Macnab street south, cost $6,000; John S. Cummers, stable, Jarvis street, between King and King William street, cost $1,000. — Hugh S. Brennen has purchased 80 feet of land on East Jackson street on which he will likely build several residences.

MONTREAL, QUE.—L. O. David, City Clerk, is taking tenders up to 14th inst. for alterations to offices in the City Hall building. Plans at office of L. R. Montbriand.—The question of establishing an independent school for the English speaking Catholics of St. Michael's parish is under consideration.—The Northern Electric Co. are about to build at the corner of Guy and Notre Dame streets; estimated cost, $30,000.—The Harbor Commissioners will immediately ask for tenders for construction of bridge from Commissioners street to Victoria pier, estimated cost $11,000.—The management of the Western Hospital have accepted the plans of Finley & Spence, architects, for new hospital building and are now calling for tenders.—A movement is on foot to build a labor temple. Plans for a building on St. Catherine street, near St. Denis, are being prepared.—The Dominion Express Co. will build an addition to their stables on Latour street, cost $7,000.—It is understood that B. J. Hurdenburg, architect, of New York, has been engaged to prepare plans for proposed addition to Windsor Hotel in this city.

WINNIPEG, MAN.—Cotter Bros., plumbers, have decided to build a block on Fort street, south of Graham ave. They will occupy the ground floor and the upper stories will be laid out in batchelors' apartments.—Foley, Locke & Larson have purchased some land in rear of their market street warehouse and will erect thereon an extensive annex warehouse.—V. W. Horwood, architect, is taking tenders on a residence at River view and on an eight-roomed school a Virden, Man. He is also the architect for

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the Moore Printing Co.'s new block to be erected on corner of Cumberland and Princess streets.—The Architectural & Engineering Co. have just taken tenders on a brick and stone hotel on James stteet for John Macdonald.—The Mariaggi Hotel has been acquired by J. Skinner, who will make alterations in the interior of the building.—Herbert Matthews, architect, has prepared plans and is taking tenders on a brick and stone building on Princess street, between Cumberland and Notre Dame aves., for F. C. Bell.—It is likely that the William Weld Co. will install a heating and power plant in their new building and supply adjoining buildings. — Darling & Pearson, architects, have taken tenders on a six-storey brick and stone mill building for the Western Canada Flour Mills Co.—A. Davis, 490 Main street, is preparing plans for a large apartment block. The steel work will be constructed during the coming winter and the brick work commenced in the spring.—It is announced that the Grand Trunk Pacific Railway and the Canadian Northern Railway will likely have joint terminals and a Union depot in this city. — The C.P.R. contemplate the grading of the Brandon section between Winnipeg and Austin. The work will likely be done this year. —J. Woodman, architect, has prepared plans for Grace Hospital to be built by the Salvation Army, three stories and basement, with wings.

TORONTO, ONT.—The Trustees of Toronto University have decided to proceed at once with the erection of a convocation hall. The architects are Darling & Pearson.—D. Mowbray is taking tenders until to-day (Wednesday) for building of Royce ave. Presbyterian church. Plans at 271 Wallace ave.—Representatives of an American amusement company have been in the city during the past week looking for a site for the erection of a large entertainment hall or pavilion.—The Canada Steel Goods Co, 8 Colborne street, this city, are asking for tenders by 13th inst. for erection of a cement and frame factory on Arthur street, Hamilton.—School Section No.13, Dovercourt, has asked permission to issue $10,000 of debentures for the erection of a school on Bartlett ave.—A committee has been appointed to endeavor to secure funds for necessary improvements to the Havenand Prison Gate Mission, including the equipment of the institution with fire apparatus.—The City Engineer has recommended the erection of a small wharf south of Allan's bridge at the Island.—The Chief of Police has asked for a new police signal system, to cost about $20,000. — The Board of Control desire tenders by July 18th for asphalt and bitulithic pavements, concrete walks and sewers. —Building permits have been granted as follows: Robert Darling, warehouse, corner Adelaide and Sheppard streets, cost $37,000; McArdle & Stanton, pair 2½-storey brick dwellings, east side Fuller street, near Queen, cost $4,000; Wesley Methodist Church, two-storey brick Sunday school, north-west corner Dundas street and Ossington ave., cost $20,000; F. G. Hathway, two-storey stone and brick store and dwelling, 259 Avenue road, cost $4,300; John Stark & Co., pair two-storey brick and stone dwellings, corner Dufferin street and Lindsay ave., cost $4,500; Love Bros., six 2½ storey roughcast dwellings, west side Tiverton ave., near First, cost $9,000; Jas. Robertson Co., one-storey stone and brick marble cutting house, Dorset street, near King, cost $3,000; Thomas Hobbs, 2½-storey stone and brick residence, west side Howland ave., near Wells street, cost $3,000; Kay Bros., pair 2½-storey brick dwellings, Langley ave., near Broadview, cost $6,000; Samuel Nordheimer, two-storey and attic stone and brick residence, Poplar Plains road, near Cottingham street, cost $3,200; T. G. Brough, alterations to brick residence, Admiral road, near Bernard ave., cost $5,000; A. Jephcott, two-storey brick residence, south-east corner Cluney and Roxborough avenues, cost $11,000; A. Elliott, pair 2½-storey brick dwellings, stone foundation, north side Cottingham street, near Avenue road, cost $5000; J. Worthington, pair 2 1-2-storey brick and stone dwellings, Markham street, near Lennox, cost $5,500; Dr. Jos. Graham, two-storey and attic brick and stone dwelling, 55 College street, cost $7,000; Toronto University, four-storey stone and brick student's residence, east side Queen's Park, near Grosvenor street, cost $18,000; J. H. Flynn, 2 1-2-storey stone and brick dwelling, Admiral road, near Bernard ave., cost $4,500; Samuel Nordheimer, two-storey and attic stone and brick residence, west side Poplar Plains road, near Cottingham street, cost $3,200; T. Eaton Co., Ltd., six-storey steel and brick store, 110, 112, 114 Yonge street, cost $50,000; George Knaggs, three 1 1-2-storey roughcast dwellings, brick fronts, north side Woolsey street, near Markham, cost $3,750; Acme Loan & Savings Co., three pair two-storey and attic brick and stone dwellings, east side Shaw street, near Bloor, cost $13,200; James Kelly, 2 1-2-storey stone and brick dwelling, 25 Beverley street, cost $3,800.—J. Francis Brown, architect, is taking tenders on a residence on Nanton crescent, Rosedale.

CONTRACTS AWARDED.

EMERSON, MAN.—Erection of Baptist church: John Franski, contractor, $6,500.

PORT BURWELL, ONT.—Dredging: Dominion Dredging Co., successful tenderers.

EDMONTON, N.W.T. — Addition to Alberta College: McDonald & Johnson, contractors.

ROSSLAND, B.C.—The city has le the contract for building a reservoir to hold 2,500,000 imperial gallons to J. J.

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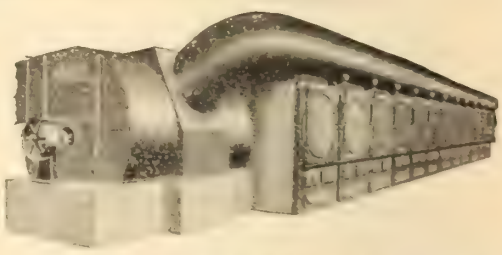

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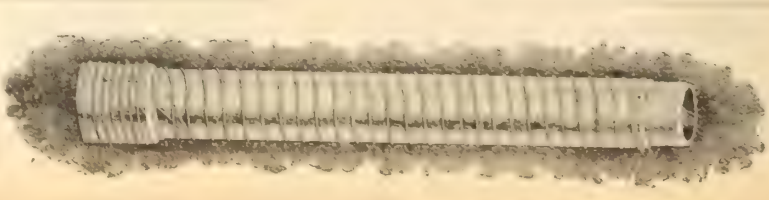

Wood, of this place, estimated cost, $7,000.

PORT STANLEY, ONT. — Construction of breakwater: Haney & Miller, successful tenderer.

CARLYLE, N.W.T. — Four-room school: Joseph Dodds, this town, contractor, $8,790.

PRINCE ALBERT, N.W.T. — Business block for J. B. Kernaghan: William Knox, contractor.

SYDNEY, N.S. — Erection of asylum building: Falconer & Dixon, successful tenderer, $32,348.

SHOAL LAKE, MAN. — $9,000 20-year 5 per cent. debentures: J. W. Nay, Regina, purchaser, $9,140.

VANCOUVER, B.C.—Post office building: J. Kelly, Winnipeg, lowest tenderer, price about $400,000.

TORONTO JUNCTION, ONT. — Plumbing for Carleton school: W. Lowndes, successful tenderer, $1,400.

SELKIRK, MAN. — Lighthouse with dwelling on Cox's shoal, Lake Winnipeg: J. W. Scott, this place, contractor.

WALLACEBURG, ONT. — Heating Separate school: James Smart Manufacturing Co., Brockville, successful tenderers.

ST. THOMAS, ONT.—Wood, Gundy & Co., Toronto, are successful tenderers for purchase of city debentures, at premium of $996.35.

ST. LOUIS, QUE. — Construction of drains, water pipes and pumping station and installation of machinery: Treffle Bastien, contractor, $209,808.

GLACE BAY, N.S.—Erection of electric light station: Hugh Cameron, contractor, about $7,609.—Residence for W. R. Tobin: Hugh Cameron, contractor.

WINNIPEG, MAN.—$100,000 school debentures: Wood, Gundy & Co., Toronto, purchasers, $99,280.—Medical College building: Architect, J. H. Cadham; masonry, P. Burnett; carpentry, S. B. Ritchie; plumbing, Standard Plumbing Co.; electric fittings, Mitchell & Co.

HAMILTON, ONT. — The following tenders will likely be accepted for new wing to city hospital: Masonry, George F. Webb, $13,939; carpentry, Wm. Halliday, $13,554: lathing and plastering, A. Hannaford, $4,200; painting and glazing, A. McKenzie, $1,650; galvanized iron, slating, ventilating, James Findlay, $2,332; tile floors, W. J. Wall, $840; elevator and fire escapes, Parkin Elevator Co., $340; sewer work, J. J. Armstrong, $320; electric wiring and bells, Stout & Miller, $324; gas piping, Hamilton Gas Light Co., $386; plumbing of ward building, $2,750; heating of ward building, $3,525.

LONDON, ONT.—Militia stores building: R. G. Wilson, this city, contractor, about $25,000.—The City Council last

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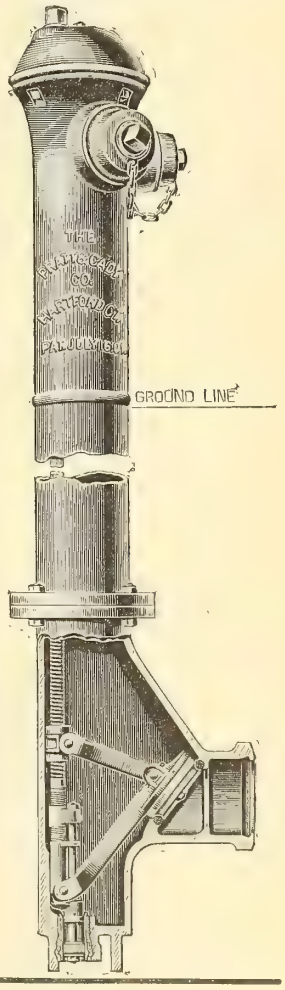

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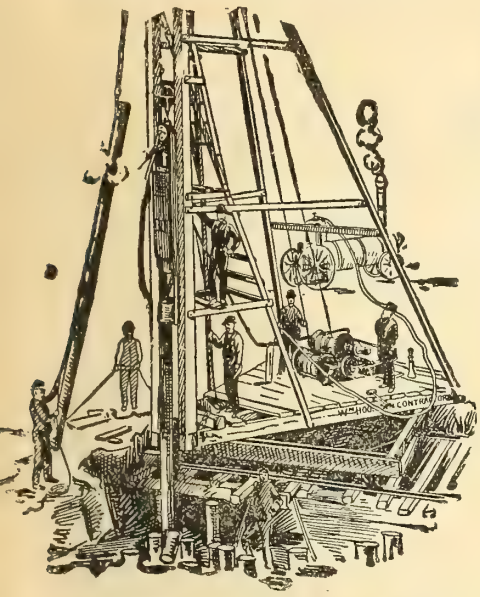

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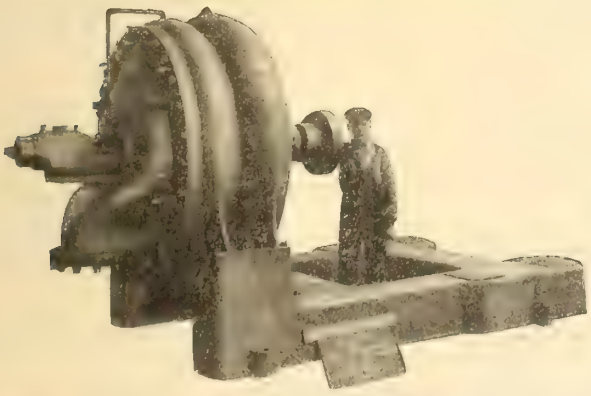

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TORONTO, ONT.—The following additional tenders have been accepted for school improvements: Carpentering: W. Eaton, Dufferin, $785; Givens, $145; Gladstone, $729; McCaul, $1,499; Queen Victoria, $567; Ryerson, $205; Sackville, $155; Wellesley, $135; Rose and Rosedale, $215; Fern and Howard, $185; Rosedale and Perth, $125; total $4,745. Frank Armstrong, Jesse Ketchum, $265; Niagara, $113; Park, $164; Duke, George and Parliament, $134; total $676. A. Batho, Louisa, $124; and J. Hoops, $635. Plumbing: Maxwell & Johnson, Ryerson and Grace, $290; Fred Armstrong, Jameson-

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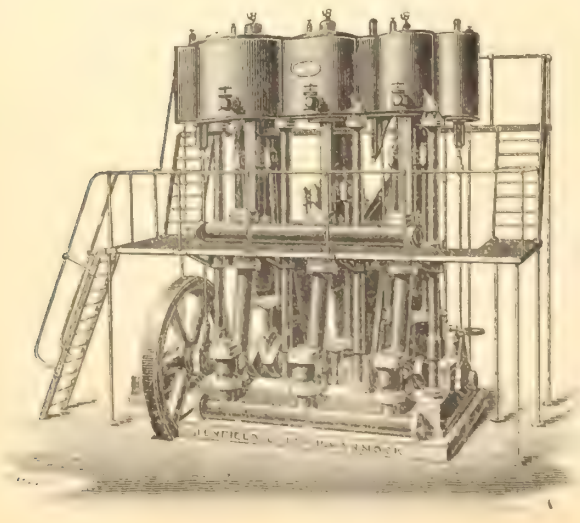

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avenue, $185; grading and sodding: W. J. Simmons, Jarvis, Moore, Sackville, York, Victoria, Elizabeth, Borden, Grace, Harbord, Crawford, $265. Plastering: E. Warren, Rosedale, $34.—Contracts for new laundry at Isolation Hospital have been awarded as follows: Masonry, H. Lucas & Son, $1,497; carpentering, E. Henry & Son, $496; roofing, A. B. Ormsby, Ltd., $73; painting, F. E. Phillips, $97; plumbing, Fiddes & Hogarth, $148. —The Board of Control last week awarded the following pavement contracts: Asphalt, George street, King to Queen, $9,549, and Dundonald ave., $4,449, Barber Asphalt Co.; Oxford street, $2,826, Constructing & Paving Co.; macadam, Lamport ave., $2,169, Dobson Construction Co.; Molson street, $975.

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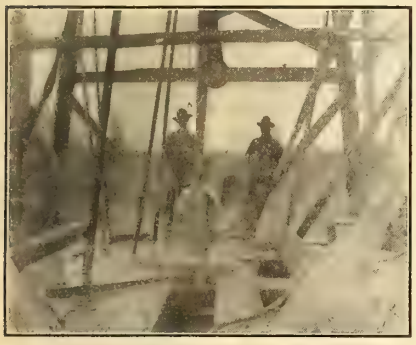

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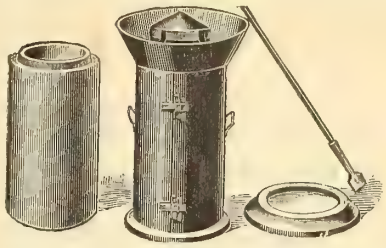

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With Cone Top Filler and Reversible Bottom. Patented April, 1905. Used by Townships, Railroads and others. Contractors, try this Mould and make big money. For prices
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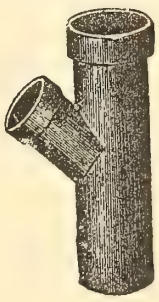

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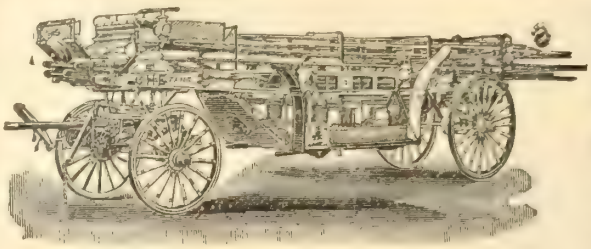

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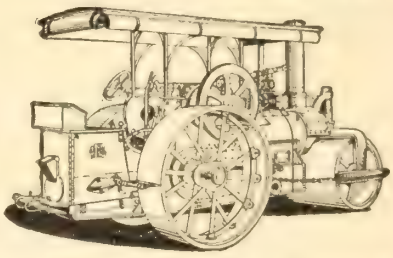

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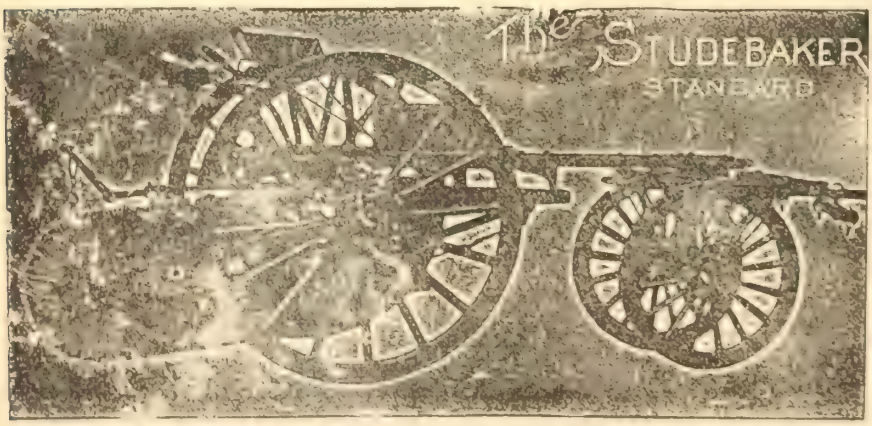

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Does not clog or get out of order. Greatest width of spray Can be graded from driver's seat to any volume.

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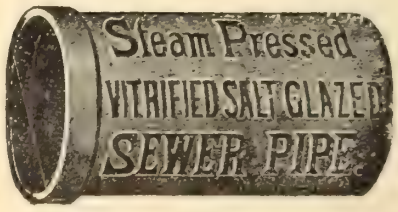

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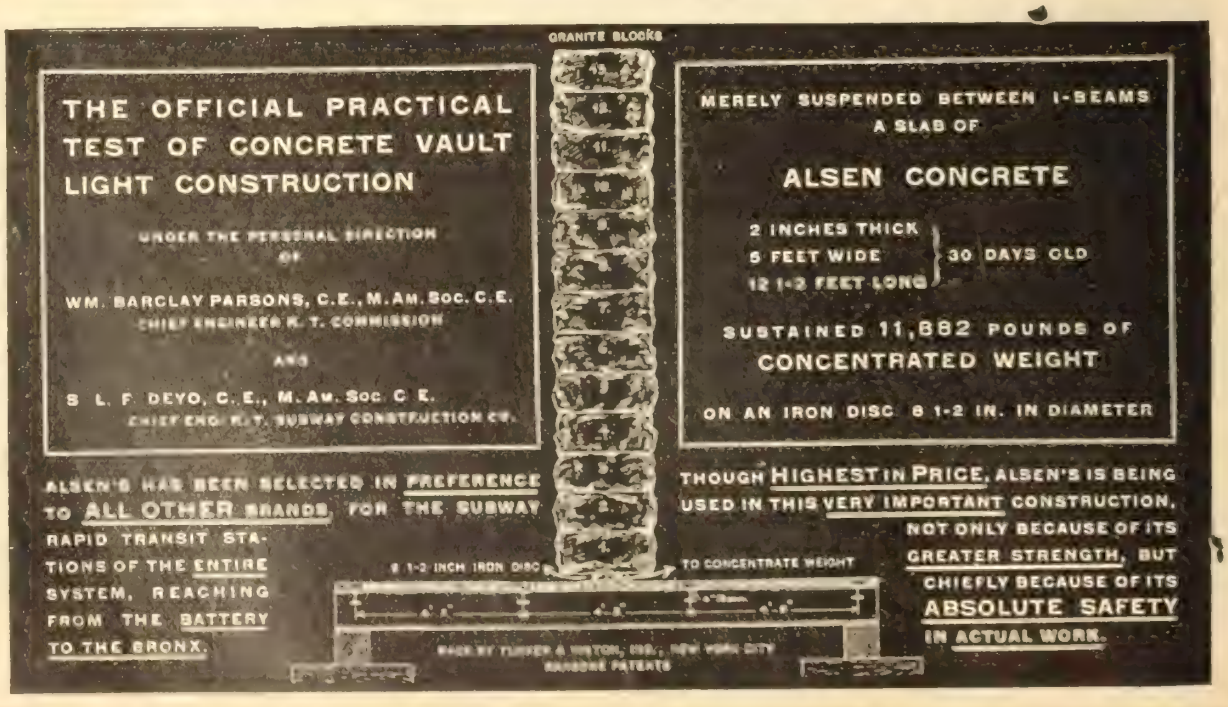

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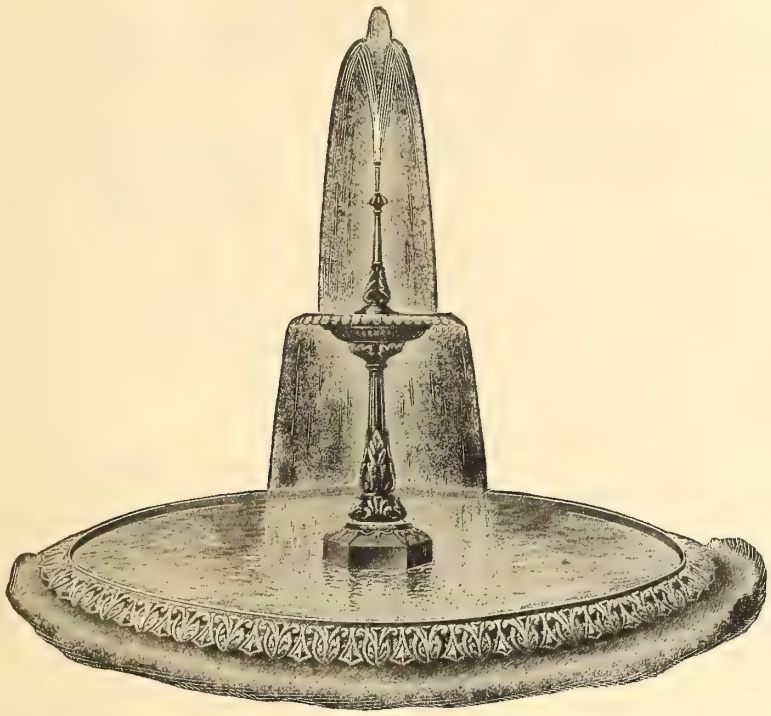

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CANADIAN

Contract Record

A Weekly Journal of Public Works, Tenders, Advance Information and Municipal Progress

This Paper Reaches Every Week the Town and City Clerks, Town and City Engineers, County Clerks and County Engineers, Purchasers of Municipal Debentures and Leading Contractors In All Lines Throughout Canada

VOL. 16. TORONTO, MONTREAL — JULY 19, 1905 — WINNIPEG, VANCOUVER No. 20

THE CANADIAN CONTRACT RECORD

PUBLISHED EVERY WEDNESDAY

As an Intermediate Edition of the Canadian Architect and Builder.

THE C. H. MORTIMER PUBLISHING COMPANY

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DEBENTURES FOR SALE

Tenders will be received up to noon of AUGUST 9TH, 1905, for the purchase of $10,000 Debentures of the Town of Qu'Appelle, N.W.T., payable in 20 equal annual instalments at six per cent. interest.

J. C. STARR, Secretary-Treasurer,
Town of Qu'Appelle, N.W.T.

TENDERS WANTED

Tenders for construction of about 15,000 square feet of Concrete Walks, besides crossings, etc, in Town of Mitchell, Ont, will be received up to 22ND JULY, 1905, at two o'clock p.m.

Specifications and other particulars furnished on application to the undersigned.

JAMES BARNETT,
Town Clerk.

Corporation of the City of Regina

Cast Iron Water Pipe and Specials

Sealed tenders will be received by the Corporation of the City of Regina, N.W.T., till 5 o'clock p m. JULY 29TH, for the following Water Pipe and Specials:

8,500 lineal feet, 6" diameter, 30 lbs. per foot
3,800 " " 8" " 45 " " "
19 Hydrants
11 6" gate valves with boxes } Trenches 7½ feet
5 8" " " " " " } deep

Special castings consisting of Crosses, Tees, Sleeves, Plugs, etc, 3 tons approximately.

Specifications and quantity sheet may be seen at the office of the Secretary-Treasurer, Regina, and at the office of JOHN GALT, C E., Toronto

Each tender must contain the full name of the party or parties tendering and must be accompanied by a certified bank cheque for 5% of amount of tender, payable to the Treasurer of the Corporation of Regina.

The City reserves the right to reject any or all tenders.

J. KELSO HUNTER,
Secretary-Treasurer.

Regina, July 13th, 1905.

TENDERS

will be received until AUGUST 1ST, for the heating by Steam of St. Carthagh's R. C. Church. Tweed. Tenders to be sent Rev. J. S. QUINN, Tweed, Ont.

CEMENT WANTED

Five hundred barrels more or less of first Class Cement for Concrete Work delivered here.

Tenders received up to MONDAY, THE 24TH INST.

The lowest or any tender not necessarily accepted.

W. F. HALL,
Secretary Building Committee.
Methodist Church.

Napanee, Ont., July 17th, 1905.

TO CONTRACTORS

Tenders will be received by the undersigned up to SATURDAY, JULY THE 22ND, at 12 o'clock noon, for the several trades required in the erection and completion of a large Cold Storage Warehouse at Belleville, Ontario, for Messrs. J. & J. Lonsdale & Co, Limited, of Liverpool.

Plans and specifications may be seen and all information obtained at the offices of Messrs. W. J. Magrath & Co., Belleville, also at the offices of the Architect.

The lowest or any tender not necessarily accepted.

GEO. W. GOUINLOCK, Architect,
Suite 1108, Temple Building, Toronto.

CITY OF PRINCE ALBERT SASKATCHEWAN

WATER WORKS AND SEWERAGE WORKS

Sealed tenders will be received by the Secretary-Treasurer of the City of Prince Albert until 8 p. m. on WEDNESDAY, AUGUST 16TH, 1905, for the following:

Contract "A" Labor, Pipelaying on Water Works and Sewers.
Contract "B" Pump House.
" "C" Water Tower or Standpipe.
" "D" Pipes and Specials.
" "E" Fire Hydrants and Valves.
" "F" Sewer Pipes and Junctions.
" "G" Pumping Machinery.
" "H" Two Return Tubular Boilers.
" "I" Intake and Wells.
" "J" Sedimentation Basins.

Plans and specifications may be seen at the office of the Chief Engineer, 103 Bay Street, Toronto, or at the City Hall, Prince Albert, on and after August 1st, 1905.

No tender necessarily accepted.

WM. COWAN, Esq.,
Mayor,
Prince Albert, N.W.T.

C. O. DAVIDSON, Esq.,
Secretary Treasurer,
Prince Albert, N. W. T.

WILLIS CHIPMAN,
Chief Engineer,
103 Bay Street,
Toronto, Ont.

VALLEYFIELD, QUE.

The time for the reception of the tenders for the Municipal Electric Light Plant has been extended until TUESDAY, JULY 25TH.

C. A. LAVIMODIERE,
City Clerk.

BRICK PAVEMENT

Tenders for the construction of a Vitrified Brick Pavement on Talbot Street, from King to Fullarton Streets, will be received at this office up to 5 o'clock on THURSDAY, JULY 27TH, 1905.

Plans, specifications, etc., can be seen at this office.

A. O. GRAYDON, City Engineer,
London, Ont.

ALD. JOHN FORRISTAL,
Chairman No. 2 committee.

Concrete Walks

Town of Bracebridge, Ont.

Tenders for the construction of about 30,000 square feet of Cement Sidewalks will be received by the Town Clerk up to noon on MONDAY, 24TH JULY, 1905. Plans and specifications may be seen at my office in the Town Hall, Bracebridge. A certified check for $500. must accompany all tenders.

The right to reject any or all tenders is reserved by the Municipal Corporation.

ALEX. C. SALMON,
Town Clerk.

Bracebridge, July 8th, 1905.

The Corporation of the City of Regina

REGINA CITY HALL COMPETITION

Architects are invited to submit competitive designs for the new City Hall proposed to be erected in this City.

The cost of the building, exclusive of furnishing, not to exceed $60,000.

CONDITIONS.

Designs to be delivered on or before 5 o'clock p. m. of the 1ST DAY OF SEPTEMBER, 1905, at the City Clerk's office, marked City Hall Competition. No name or other descriptive mark to appear on drawings but each competitor is requested to place a motto on his plan and enclose it in a sealed envelope containing his name, which envelope will not be opened until after the award is made, when the designs of unsuccessful competitors will be returned.

The Council does not bind itself to accept any of the designs submitted.

The architect (if any) whose design is accepted will be requested to provide all necessary drawings, etc., and will be employed to carry out the work, and he will be paid at the rate of 5% on the total outlay.

The style of architecture, general arrangement of plan and materials to be employed is left entirely to competitors.

For particulars apply to the undersigned.

J. KELSO HUNTER,
Secretary-Treasurer.

Regina, N.W.T., 14th July, 1905.

[FOR ADDITIONAL ADVERTISEMENTS FOR TENDERS SEE NEXT PAGE.]

TENDERS

For Steam Heating the Court House and Registry Office at Whitby, Ont., will be received by the undersigned up to the 21ST JULY, instant.

Plans and Specifications can be seen at the County Clerk's office on and after 13th July.

The lowest or any tender not necessarily accepted.

J. E. FAREWELL,
County Clerk

Town of Wingham

Tenders for construction of Steel Water Works, Stand-Pipe and Concrete Foundations, for the laying out of about three quarters of a mile of water main, and the setting of valves and hydrants, will be received by the undersigned up 6 p.m. WEDNESDAY AUGUST 2ND, 1905. Plans and specifications may be obtained from the engineer, David N. Johnson, Berlin, Ont.

The lowest or any tender not necessarily accepted.

J. D. FERGUSON, Town Clerk,
Wingham, Ont

THE GUELPH AND GODERICH RAILWAY

TENDERS WANTED

FOR

FOURTEEN STATIONS

Plans and specifications may be seen at the office of the Chief Engineer at Goderich on and after July 15th, 1905, and tenders will be received up to four p.m. on MONDAY, JULY 24TH, 1905, for Fourteen Frame Stations to be built between Guelph and Goderich on the Guelph and Goderich Railway.

P. ALEX. PETERSON,
Chief Engineer.

Goderich, July 10th, 1905.

Tenders For Supplies of

BRASS GOODS

Sealed tenders addressed to Ald. J. C. Gibson, Chairman Fire, Water and Light Committee, for supply of a quantity of brass goods, etc. will be received at the office of the undersigned up to 3.30 p.m. on MONDAY, JULY 31ST, 1905.

Specifications and form of tender may be obtained at the office of H. N. Ruttan, City Engineer, Winnipeg, Canada.

Each tender must be accompanied by an accepted cheque, draft, or cash deposit for the sum called for in the form of tender supplied, which will be subject to forfeiture in case of failure on the part of the contractor to enter into a written contract with approved sureties, if called upon to do so.

The city reserves the right to reject any or all tenders, or to accept any bid which appears advantageous to the City of Winnipeg.

C. J. BROWN, City Clerk.

City Clerk's Office,
Winnipeg, July 12th, 1905.

CITY OF WINNIPEG

FIRE SERVICE WATER WORKS

Sealed tenders addressed to Ald. J. C. Gibson, Chairman of the Fire, Water and Light Committee, for furnishing gas engine pumping plant of a capacity of 4000 imperial gallons per minute against pressure of 90 lbs per square inch, will be received at the office of the undersigned up to 3.30 p.m. on

MONDAY, AUGUST 7, 1905

Specifications and forms of tender may be obtained upon application at the office of Col. H. N. Ruttan, City Engineer, Winnipeg, Canada.

Each tender must be accompanied by an accepted cheque, draft or cash deposit for the sum of $2,000.00, which will be subject to forfeiture in case of failure on the part of the contractor to enter into a written contract with approved sureties if called upon to do so.

The city reserves the right to reject any or all tenders or to accept any bid which appears advantageous to the city of Winnipeg.

C. J. BROWN,
City Clerk.

City Clerk's Office,
Winnipeg, June 27th, 1905.

Architectural draughtsman, 20 years experience, desires position with large contracting or construction company preferably on outside work. Box 391, CONTRACT RECORD Confederation Life Building, Toronto

Notice to Contractors

Sealed tenders, marked "Tender," will be received by either of the undersigned until noon on SATURDAY, JULY 22ND, 1905 for the erection of a Steel and Concrete Bridge over the River Sydenham, about three miles south-east of Alvinston, and known as the "Gray Bridge."

A marked cheque for $100, payable to the Treasurer of either Middlesex or Lambton County, must accompany each tender.

Plans and specifications may be seen at the County Buildings, London, or at R. S. Code's office, Alvinston.

The lowest or any tender not necessarily accepted. Tenders to be opened at Glencoe at 1 o'clock p.m. on the above date.

CHAS. TALBOT,
Bridge Commissioner, London.
R. S. CODE,
Co. Engineer, Alvinston.

CONTRACTS OPEN.

ARTHUR, ONT. — David Brocklebank is about to build a large store.

RAYMOND, N.W.T. — The Corporation will place debentures on the market.

CAMPBELLTON, N.B.—A movement is on foot to erect a public hospital here.

CARBERRY, MAN. — The School Trustees have decided to build a High school.

MOOSE JAW, N.W.T.—The Council will take tenders on new boiler, engine and dynamo.

LACOMBE, N.W.T.—Frank Danner, of Skidmore, Missouri, has decided to build a flour mill here.

BURFORD, ONT.—Plans have been completed for a new building for the Crown Bank here.

PORT ARTHUR, ONT.—Mr. Weston, contractor, is about to build a residence on Jean street.

ELMIRA, ONT. — The Elmira Upholstering Co. will erect a three-storey building 60 feet square.

GLEN MORRIS, ONT.—The Grand Valley Electric Co. have decided to erect a new station at this place.

ESSEX, ONT.—Plans are being prepared by the Public School Board for two-room addition to school.

POINT EDWARD, ONT. — The Council are considering the question of securing a waterworks system.

COLLINGWOOD, ONT. — The Council have given notice of their intention to construct a sewerage system.

REGINA, N.W.T. — G. K. Hunter, Secretary-Treasurer, desires tenders by July 20th for constructing a septic tank.

PETERBORO, ONT. — The Fire, Water and Light Committee are taking figures on the supply of new fire engine.

CALGARY, N.W.T. — The Council have rejected the offer of Mr. Gran, of Macleod, to furnish electric power for street lighting.

EDMUNDSTON, N. B.—After taking tenders for construction of a waterworks system, the Council have voted down the proposition.

AMHERST, N.S.—A vote was taken by the ratepayers authorizing the Town Council to build new fire station and water extension.

ST. THOMAS, ONT.—A resolution was passed by the Town Council to ask Andrew Carnegie for an additional $2,000 for the furnishing of the library.

PERTH, ONT.—The Board of Education have decided to construct a new closet system in the public school, the same to be connected with the sewers.

FERNIE, B.C.—A site for the Government post office building has been selected at the corner lot on Cox street, consisting of 120 square feet; price $5,000.

NEWCASTLE, N. B.—It is proposed to expend the sum of $25,000 in placing the line from Indiantown to Blackville in running order. Work will be commenced shortly.

QUEBEC, QUE. — Mr. Robitaille, acting for the Nuns of the Bon Pasteur, have purchased the Hazelhurst property on St. Foye road and intends enlarging the building.

SARNIA, ONT. — Plans are being prepared by the Imperial Oil Co. for a coal handling plant to cost about $40,000 and to include two locomotive trains of six cars each.

NEW HAMBURG, ONT.—A by-law to raise the sum of $6,000 by 20-year debentures for granolithic sidewalks and public school purposes was carried by the ratepayers.

ST. MARY'S, ONT. — The Town Council propose to submit a by-law to the ratepayers to grant $35,000 to the C. P. R. to run a line into St. Mary's by way of Embro and Lakeside.

PORT HOPE, ONT.—The Railway Commissions have decided that the Grand Trunk Railway must build a subway about 300 feet east of the present crossing on the Lake Shore road.

KINGSTON, ONT.—Plans are being prepared for additions to Collegiate Institute at a cost of $1,400.—The Yacht Club will be asked to endorse the scheme for the O'Kill street sewer by-law.

GALT, ONT.—F. E. Brown, acting for the Power & Gas Machine Co., Ltd., capital $100,000, has purchased a site at the head of Hopeton street on which a large new factory will be built, of cement blocks.

STURGEON FALLS, ONT.—Councillor Mageau advocated the town installing a pumping plant for the waterworks system and to use the $15,000 of debentures for pumping plant, the present service being unsatisfactory.

ST. CATHARINES, ONT. — The Hamilton Cataract Power, Light & Traction Co. will spend a considerable sum for the distribution of electric light and power throughout the city.—The Council may shortly take tenders on sewer pipe.

EDMONTON, N.W.T.—J. H. Hargreaves, City Engineer, wants tenders by 20th inst. for the construction of about three miles of pipe sewers.—G. J. Kinnaird is inviting tenders up to July 20th for the labor required in the construction of about three miles of pipe sewers.

ST. THOMAS, ONT. — The Department of Public Works, Ottawa, desire tenders by Friday, 21st inst., for alteration, etc., to public building in this city. Plans on application to G. Luton.—J. L. Higgan will erect a brick residence.

GLACE BAY, N. S.—The following are the tenders received for the extension of water system: A. McAskill, $8,038; H. Cameron, $8,000; R. S. Low, $8,018; Dixon & Falconer, $10,124. Contracts will not likely be awarded until the next meeting of the Council.

FORT FRANCES, ONT.—A syndicate is being formed to build a large new hotel on the corner of Church and Front streets.—The Canadian Bank of Commerce will build a brick block on north side of Church and Mowat streets. Plans for same are being prepared at the head office, Toronto.

VICTORIA, B. C.—A by-law to provide $11,000 to enlarge the electric light plant will shortly be submitted to the ratepayers. The proposed improvements include a new dynamo and 150 arc lamps.—The by-law to raise $30,000 for school buildings will come before the ratepayers on July 21st.

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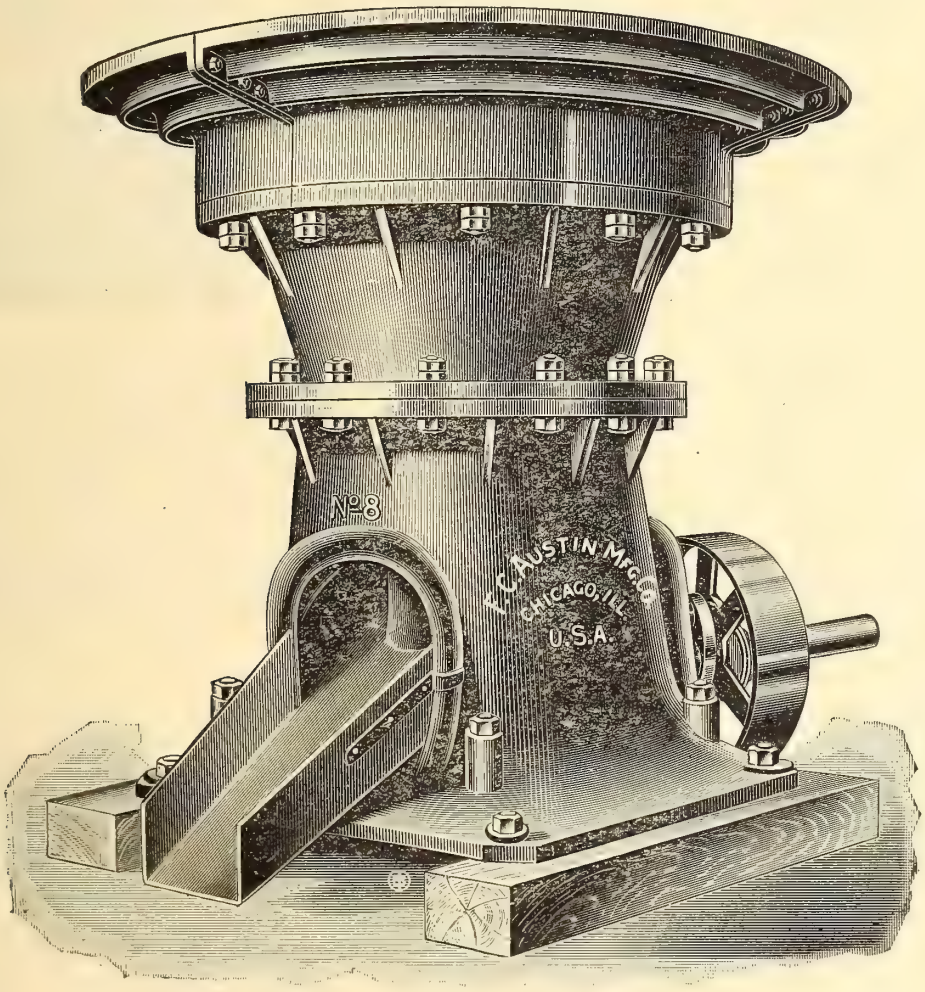

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MONTREAL

KEEWATIN, ONT.—The Keewatin Flour Mills Co., Limited, of Ottawa, have contracted with the Macdonald Engineering Co., of Chicago, to erect a large fireproof milling and elevator plant at this place. Both buildings to be entirely of steel concrete construction. Work to be commenced at once and completed early next year.

CHATHAM, ONT. — The School Board have decided to have plans prepared for an addition to the Central School.—J. W. Shackleton, C. E, has reported to Raleigh Township Council that the extension of the Bradleigh drain would cost $2,173.—Dover Township Council have appointed a committee to consider the building of a new bridge over Little Bear creek.

PARIS, ONT.—A by-law was passed anthorizing the Agricultural Society to sell a portion of the Agricultural park to the Penman Manufacturing Co. for their contemplated extensions, which will likely amount to an outlay of several hundred thousand dollars. A by-law was also passed giving the Dominion Gas Co. permission to lay pipes and furnish natural gas for a period of 25 years.

VANCOUVER, B.C. — David Lew states that the Loo Lee Wing building will be proceeded with immediately.—The City Clerk is taking tenders up to 20th inst. for construction of septic tanks.—A building permit has been granted to Kelly & Burnett for a building on north side of Water street, six stories and basement, cost $35,000.

MEAFORD, ONT.—The Corporation of this place propose to expend the sum of $5,000 in buying and installing a new steel storage tank for the waterworks of the town. Capacity 80,000 gallons.—A vote will be taken by the ratepayers on August 16th for taking over the electric lighting plant of W. Moore & Sons, also a by-law for raising the sum of $5,000 for purchasing a steel storage water tank.

LONDON, ONT.—Cooke Bros. are said to have secured control of the Tecumseh House and will spend $12,000 on improvements.—The Council intend constructing a cement walk on north side of Kent street, between Richmond street and Park ave., and on west side of Richmond street between Kent and Albert streets.—James McGrady has been granted a permit to build a two-storey brick dwelling on east side Wellington street, between Oxford and St. James streets.

EDMONTON, N.W.T. — Tenders for construction of about three miles of pipe sewers will be received by G. J. Kinnaird, Secretary-Treasurer, up to 20th inst.—McDougall & Secord have taken tenders for construction of three-storey brick building 50 × 100 feet.

BRANTFORD, ONT.—The Board of Sydenham street Methodist church contemplate installing an improved heating system.—The Council have decided to take immediate steps to establish a garbage system.—The Council are considering the construction of subways at the Grand Trunk tracks.—The City Engineer issued building permits as follows: Grace E. McCartney, residence on Oak street, cost $700; G. Masterson, brick house on Henrietta street, cost $1,500; A. C. Lyons residence on Kirby street, cost $2,000.

ST. JOHN, N. B.—Tenders will be invited immediately for the dredging to be done in the harbor for the construction of additional terminal facilities, as the plans have been completed by the Department at Ottawa.—George G. King and George McAvity, Commissioners of the New Brunswick Coal & Railway Co. invite tenders up to July 25th for rebuilding certain bridges and trestles and making other improvements to the permanent way of the railway from Norton to Chipman. Plans at office of the Provincial Engineer, Fredericton.

MONTREAL, QUE.—It is learned that plans are being considered for extensive alterations and additions to the City Hall.—Building permits have been granted as follows: Dr. W. A. Molson, brick and stone dwelling, Sherbrooke street, cost $18,000; W. L. Hunter, six wood and brick dwellings, Durocher street, cost $12,000; G. W. Stephens, one wood and brick store, St. Antoine street, cost $50,000; Isodore Moguin six brick and wood dwellings, Mount Royal, cost $10,000; J. Belanger, one brick and stone dwelling, St. Herbert street, cost $4,500; T. Carpentier, jr., 12 brick and wood dwellings, Demontigny street, cost $8,000; repairing St. Bridget's Refuge, stone and brick, Lagauchetiere street, cost $39,000.—D. D. Mann, of Mackenzie & Mann, intends building an electric line from the steam railway at St. Leon's Springs, Que. to the St. Leon Mineral Water Springs, a distance of six miles.—H. J. Hardenberg and B. L. Gilbert, architects, of New York; Hutcheson,

J. HARVEY

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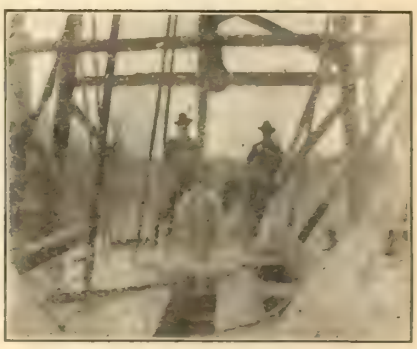

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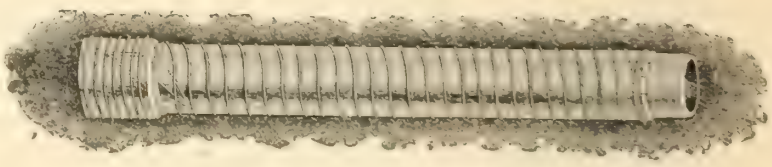

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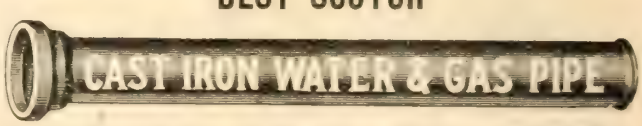

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MONTREAL

& Wood, this city, are preparing plans for the New Windsor hotel. Building will be 130 feet in height and the cost $1,500,000.—The time for receiving tenders for construction of bridge over Commissioners street to Victoria pier will be extended to the 25th inst.

TORONTO, ONT.—J. J. McCaffrey has purchased the Bay Tree Hotel on corner of Adelaide and Bay streets and is having plans prepared by Curry, Sproatt & Rolph, architects, for a new building to be erected on the property.—A new Baptist church is to be built on Ossington ave., for which $7,500 has been subscribed. Rev. W. J. Scott is pastor.—Plans of septic tank to be constructed at Regina, N. W. T., may be seen at the office of John Galt, C. E., this city. Tenders close July 20th.—The Board of Control will receive tenders up to 25th inst., for a hot water heating system, gas-fitting, plumbing and electric wiring for erection of a fire hall at corner of Queen street east and Herbert ave. Plans at the Property Department.—The Department of Public Works, Ottawa, will receive tenders up to 20th inst., for furnishing 22,000 lineal feet of vitrified clay 4-duct multiple conduit, as per specifications of John Galt, C. E., also up to 31st inst., for alterations to Custom House in this city, the plans for which may be seen at the office of Curry, Sproatt & Rolph, 90 Yonge street.—It is expected that work on the proposed Carnegie library building will not be commenced until next spring. Competitive plans will likely be invited. Specifications have been completed for electric lighting of the streets for the next five years and tenders will now be invited —J. Ross Robertson will build a residence for nurses at the Hospital for Sick Children, to cost $75,000.

OTTAWA, ONT.—The Lieutenant-Governor-in-Council has refused to permit the city to issue $60,000 of debentures for waterworks extensions.—Newton J. Ker, city engineer, will receive tenders up to 25th inst. for supply and erection of a travelling crane in the waterworks pumping station.—William Rea, Secretary Public School Board, desires tenders by July 31st for school furniture.—The supplementary estimates of the Dominion Government contain an appropriation of $500,000 for a new departmental building in this city.—Newton J. Ker, City Engineer, is inviting tenders up to 26th, for the construction of an asphalt pavement on Rideau street, also up to 25th inst., for the supply and erection of a travelling crane in waterworks pumping station.—F. Gelinas, Secretary Department of Public Works, is inviting tenders up to August 4th, for the construction of a breakwater at Mill Cove, Lunenburg County, N. S., also up to same date for the construction of a public wharf at West Arichat, N. S.—It is proposed to expend the sum of $265,000 for building and improvements to public buildings, including $50,000 for improvements to Rideau Hall. An appropriation of $70,000 was also passed for the Georgian Bay canal surveys. It is also proposed to expend the sum of $257,800 for the Nova Scotia river and harbors items, Prince Edward Island, $4,300, New Brunswick $126,900, Quebec $389,700.—Tenders are also invited up to 20th inst. for furnishing 22,000 lineal feet of vitrified clay conduit for Postal Pneumatic Tube System of Canada. Plans and specifications to be seen at this Department and at office of the Chief Engineer, Toronto.

WINNIPEG, MAN. — James Chisholm, architect, is preparing plans for a

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two-storey and basement brick block at Fort Frances for Mr. Christie, to contain stores and offices, cost $12,000. Same architect is taking tenders up to 22nd inst. for erection of two frame houses on stone foundation on Beverley street for F. H. Schofield, cost $3,000 each, and up to 24th inst. for erection of four-storey brick warehouse on Alexander ave. for W. J. Guest, steam heating, felt roof, electric elevator, etc., cost $25,000.—T. G. Noble, acting for a client, has just purchased 154 feet of property on north side of Notre Dame ave., near Pear street, the purchaser intending to build thereon.—The Fire, Water & Light Committee have recommended that a site be purchased at foot of James street, on the banks of the Red river for proposed high pressure waterworks station.—Members of the Grain Exchange are maturing their plans for a new exchange building to be erected within the next year or two. A site for same has been purchased on Lombard street.—The Municipal Council intends to make and construct the following improvements; Plank walks, cedar block pavements, macadam pavements, asphalt pavements, granolithic walks and sewers. —The Grand Trunk Railway are calling for tenders this month for the construction of the western section of the line. First contract will cover a section of 400 miles in length in the vicinity of Portage la Prairie.—Tenders are being called for the supply of four large gas engines for the operation of high pressure system.—Three sites have been purchased for the erection of schools, one on St. Boniface west for proposed new collegiate institute, one near St. James street and one north side of Portage ave.

CONTRACTS AWARDED.

BRANTFORD, ONT. — Rectory for Grace church: Jesse Bartle, lowest tenderer.

FREDERICTON JUNCTION, N.B.—Four-room school house: S. L. Currie, contractor, $2,600.

CREEMORE, ONT. — Extension of waterworks system: J. H. McKnight, Toronto, successful tenderer, $4,350.

SYDNEY, N.S. — Falmouth street church: J. C. Dumaresq & Co., Halifax, architects; R. Gillies, contractor.

FORT FRANCES, ONT.—Erection of town hall: A. E. Blow, successful tenderer, $13,100. James Chisholm, Winnipeg, architect.

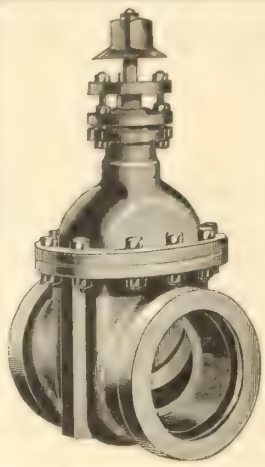
BROCKVILLE, ONT. — The James Smart Manufacturing Co. this town, has secured contracts for heating Y.M.C.A. building at Brantford and high schools at Aurora.

COLLINGWOOD, ONT.—Residence for C. E. Freer, manager Bank of Montreal: A. C. Court, contractor, cost about $10,000.—Two cement bridges near Duntroon: Mr. Coates, Orillia, successful tenderer, $3,600.

GLACE BAY, N.S.—Tenders for galvanized iron for waterworks system were received from A. C. Thompson Co. (accepted), T. McAvity & Sons, I. Matheson, New Glasgow; and Shaw & Mason, Sydney.

BRIDGEBURG, ONT. — Tenders for grading and new cement sidewalks on Jarvis street: Marcus Vanderburg, contractor, price $3,245. Other tenderers: T. W. Glenny, $3,500; Langley & Cook, $3,295.60; Peter Huffman, $3,200.

TORONTO, ONT.—Darling & Pearson, architects, have accepted the following tenders for convocation hall for Toronto University: Masonry, Robert



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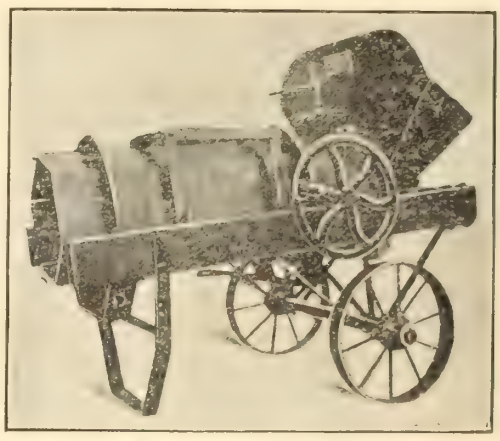

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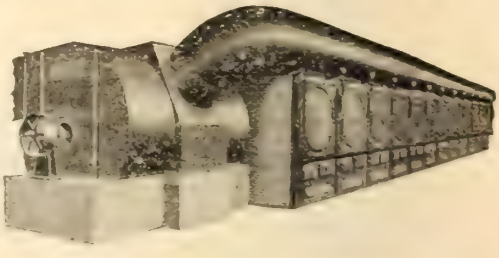

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Robertson; plastering, W. J. Hynes; iron work, Dominion Bridge Company; carpentering, A. B. Coleman; painting, J. McCausland and Son, Limited; plumbing, Bennett & Wright Company.—Retaining wall at Long Branch Rifle Range: George A. Begy, St. Catharines, Ont., successful tenderer.

OTTAWA, ONT.—The tender of W. J. Campbell has been accepted for steam boilers for the schools.—The following tenders have been accepted: Heating, Kent street school, McKinley & Northwood, $1,595. Heating and ventilating Archibald street school, J. R. McLennan, $3,843; plumbing, $3,300. Heating and ventilating Cartier street school, $2,980; plumbing, $2,280. Mutchmor street school, plumbing, $85; J. R. McLennan.

HAMILTON, ONT. — Erection of Chalmer's church: Architects, F. J. Rastrick & Sons; stone and brick work, James Dufton; carpenter work, Wm. Halliday; lathing and plastering, Hannaford Bros.; painting and glazing, A. M. McKenzie; galvanized iron work, V. Drew; electric wiring, H. Kartzmark. The total cost will be about $2,700.

WINNIPEG, MAN.—Addition to Central Congregational church: Architects. A. & W. Melville, masonry and brickwork; John Saul; carpentering, Fred Maurier; tin and galvanized iron, Douglas Bros.; plumbing and gas fitting, George Rawles; painting and glazing, Sloan & Browne, electric wiring, Hicks Electric Co.; plastering, Kenney & Son, cost $22,500. —The contract for construction of waterworks reservoir has been let to the Toronto Contracting & Paving Co. at $69,771. Other tenderers: City engineer, 74,272, W. Grace & Co., 74,470, Newman & Co., 79,500, S. B. Ritchie, 79,973, Blome & Co., 83,800, Hart& Co.,$97,710, Deeks & Deeks, 109,800.

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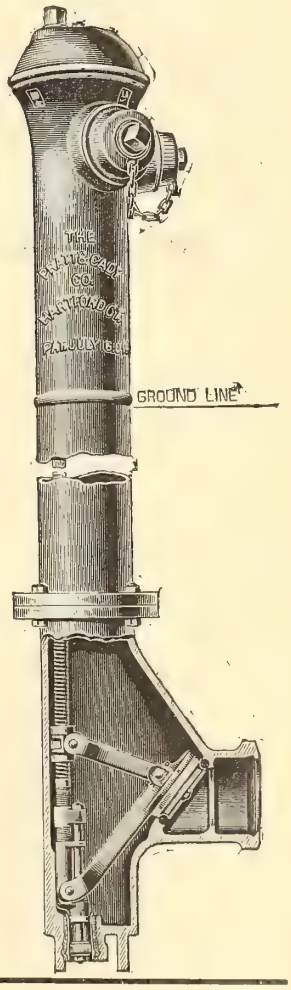

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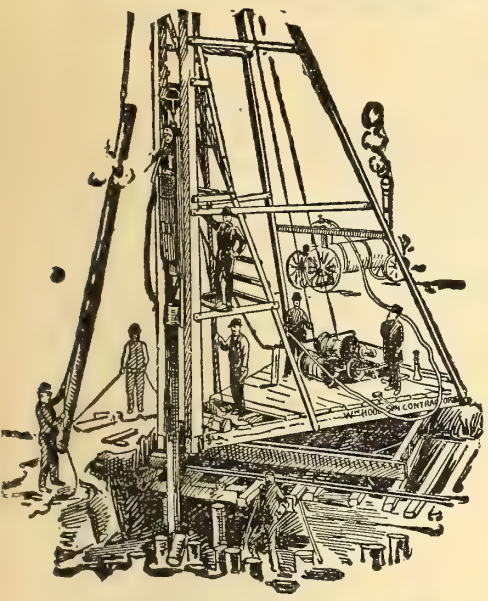

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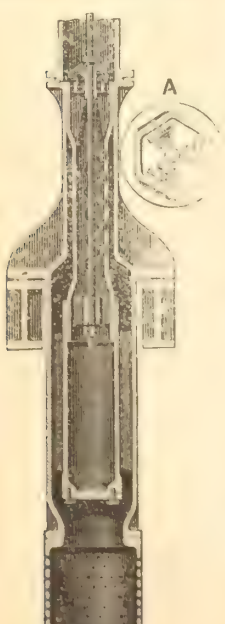

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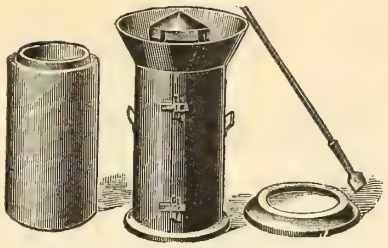

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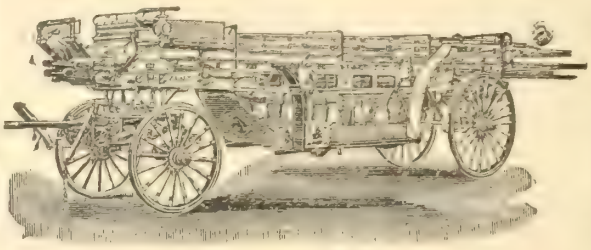

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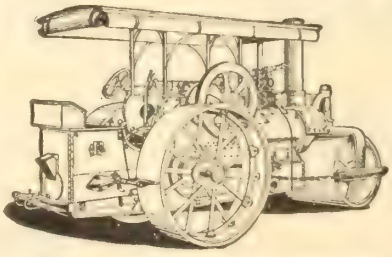

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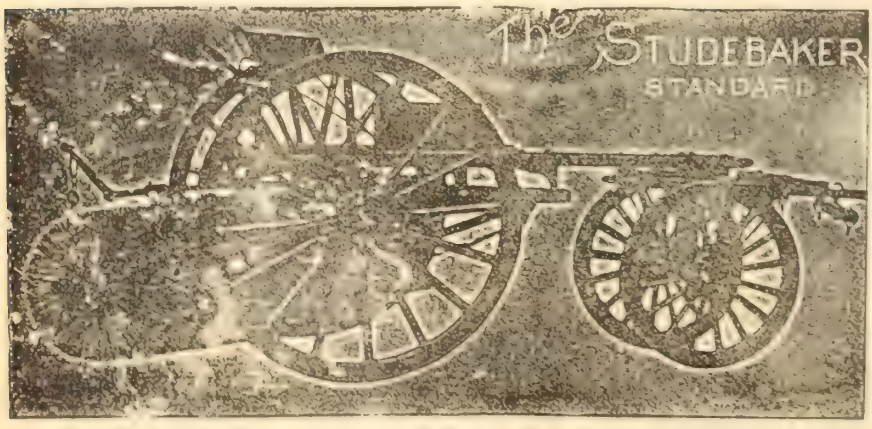

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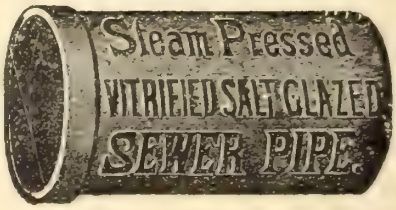

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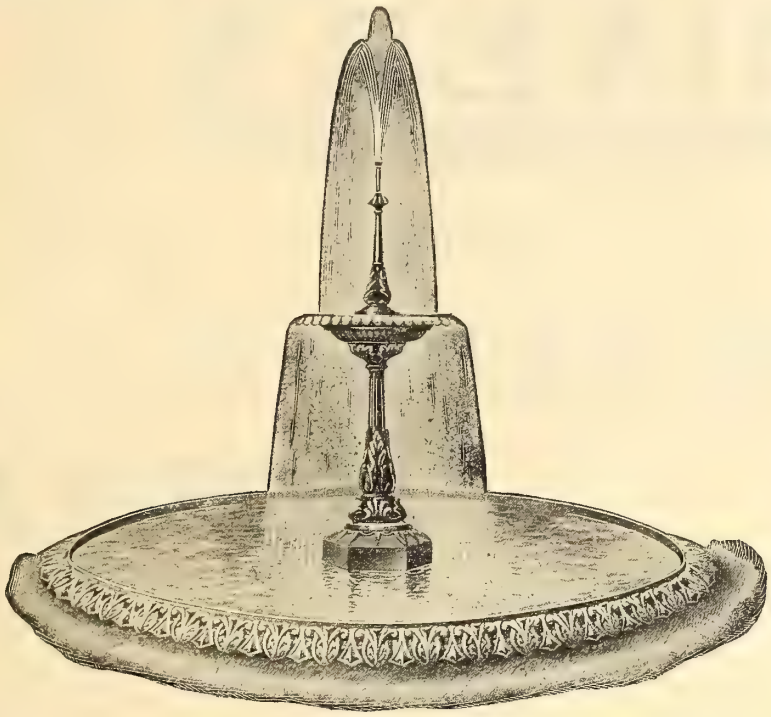

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LIMITED.

Manufacturers of

Flexible and Flange Pipe, Special Castings and all kinds of Waterworks Supplies

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3 inches to 60 inches diameter.

For Water, Gas, Culvert and Sewer

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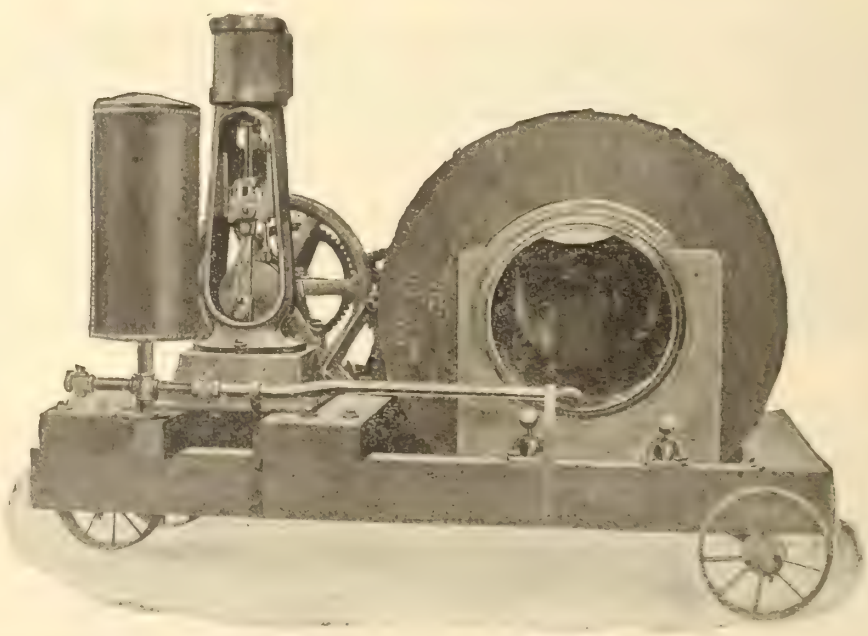

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MONTREAL

CANADIAN

Contract Record

A Weekly Journal of Public Works, Tenders, Advance Information and Municipal Progress

This Paper Reaches Every Week the Town and City Clerks, Town and City Engineers, County Clerks and County Engineers, Purchasers of Municipal Debentures and Leading Contractors In All Lines Throughout Canada

VOL. 16. TORONTO, MONTREAL — JULY 26, 1905 — WINNIPEG, VANCOUVER No. 21

THE CANADIAN CONTRACT RECORD

PUBLISHED EVERY WEDNESDAY

As an Intermediate Edition of the Canadian Architect and Builder.

THE C. H. MORTIMER PUBLISHING COMPANY

of Toronto, Limited.

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Subscribers who may change their address should give prompt notice of same. In doing so give both old and new address. Notify the publishers of any irregularity in delivery of papers.

Town of Wingham

Tenders for construction of Steel Water Works, Stand-Pipe and Concrete Foundations, for the laying out of about three quarters of a mile of water main, and the setting of valves and hydrants, will be received by the undersigned up 6 p.m. WEDNESDAY, AUGUST 2ND, 1905. Plans and specifications may be obtained from the engineer, Davis & Johnson, Berlin, Ont.

The lowest or any tender not necessarily accepted.

J. D. FERGUSON, Town Clerk,
Wingham, Ont

The Corporation of the City of Regina

REGINA CITY HALL COMPETITION

Architects are invited to submit competitive designs for the new City Hall proposed to be erected in this City.

The cost of the building, exclusive of furnishing, not to exceed $60,000.

CONDITIONS.

Designs to be delivered on or before 5 o'clock p. m. of the 1ST DAY OF SEPTEMBER, 1905, at the City Clerk's office, marked City Hall Competition. No name or other descriptive mark to appear on drawings but each competitor is requested to place a motto on his plan and enclose it in a sealed envelope containing his name, which envelope will not be opened until after the award is made, when the designs of unsuccessful competitors will be returned.

The Council does not bind itself to accept any of the designs submitted.

The architect (if any) whose design is accepted will be requested to provide all necessary drawings, etc., and will be employed to carry out the work, and he will be paid at the rate of 5% on the total outlay.

The style of architecture, general arrangement of plan and materials to be employed is left entirely to competitors.

For particulars apply to the undersigned.

J. KELSO HUNTER,
Secretary-Treasurer.

Regina, N.W.T., 14th July, 1905.

TENDERS

will be received until AUGUST 1ST, for the heating by Steam of St. Carthagh's R. C. Church, Tweed. Tenders to be sent Rev. J. S. QUINN, Tweed, Ont.

DEBENTURES FOR SALE

Tenders will be received up to noon of AUGUST 9TH, 1905, for the purchase of $10,000 Debentures of the Town of Qu'Appelle, N.W.T., payable in 20 equal annual instalments at six per cent. interest.

J. C. STARR, Secretary-Treasurer,
Town of Qu'Appelle, N.W.T.

NOTICE TO CONTRACTORS

Tenders will be received by registered post only, addressed to the Chairman of the Board of Control, City Hall, Toronto, up to noon on TUESDAY, AUGUST 1ST, 1905, for the laying of 24-inch and 16-inch water mains on Front, Sumach and Queen streets.

Envelopes containing tenders must be plainly marked on the outside as to contents.

Specifications and forms of tender may be obtained at the office of the City Engineer upon application.

The usual conditions relating to tendering as prescribed by city by-law must be strictly complied with.

The lowest or any tender not necessarily accepted.

THOMAS URQUHART, (Mayor,)
Chairman Board of Control.

City Hall, Toronto, July 20th, 1905.

Corporation of the City of Regina

Cast Iron Water Pipe and Specials

Sealed tenders will be received by the Corporation of the City of Regina, N.W.T., till 5 o'clock p m. JULY 29TH, for the following Water Pipe and Specials:

8,500 lineal feet, 6" diameter, 30 lbs per foot
3,800 " " 8" " 45 " " "
19 Hydrants
11 6" gate valves with boxes } Trenches 7½ feet
5 8" " " " " } deep

Special castings consisting of Crosses, Tees, Sleeves, Plugs, etc., 3 tons approximately

Specifications and quantity sheet may be seen at the office of the Secretary-Treasurer, Regina, and at the office of JOHN GALT, C E., Toronto

Each tender must contain the full name of the party or parties tendering and must be accompanied by a certified bank cheque for 5% of amount of tender, payable to the Treasurer of the Corporation of Regina.

The City reserves the right to reject any or all tenders.

J. KELSO HUNTER,
Secretary-Treasurer.

Regina, July 13th, 1905.

DEBENTURES FOR SALE

Town of Barrie, Ont.

Sealed tenders will be received by the undersigned up to SEPTEMBER 1ST, 1905, for the purchase of two lots of School Debentures amounting to $4,800, 4½% repayable in 20 equal annual payments of principal and interest. The highest or any tender not necessarily accepted.

For further particulars apply to

E. DONNELL,
Town Treasurer.

Barrie, July 24th, 1905.

Board of Education

TENDERS WANTED

Sealed tenders addressed to the Secretary-Treasurer of the Board, will be received until

Noon Tuesday, August 1st, 1905,

for the several works required for the enlargement of Huron Street School.

Plans and specifications may be seen and all information obtained at the office of the Board of Education, City Hall, on and after Tuesday, July 25th. Each tender must be accompanied by the deposit mentioned in said specifications and forms of tender

The lowest or any tender not necessarily accepted.

W. C. WILKINSON,
Secretary-Treasurer.

L. S. LEVEE,
Chairman of Committee.

BUSINESS NOTES.

Duclos & Roch, contractors, Montreal, have dissolved.

E. W. Flunder, painter and paperhanger, Almonte, Ont., has been succeeded by H. Woodward.

Twiss & McNeil, implement dealers, High River, Ont., have been succeeded by the Alberta Implement Co.

Modeste Chalut and Elzear Deschamps, plasterers, Montreal, have registered under the firm name of Chalnut & Deschamps.

Pierre Belisle and Thaddee Viau, Montreal, have registered under the firm name of Belisle & Co., to carry on business as contractors.

FIRES.

Saw mill of A. L. Wright Lumber Co., near Salisbury, N.B., loss $15,000.—Saw mill at Young's Point, Ont., owned by E. Young and A. Dunn, totally destroyed, loss $2,500. They will rebuild.—Fire at Albert, N.B., last week destroyed about twenty buildings, including residences of L. V. McNulty, W. W. Jones and C. McNulty, basket factory of T. B. Calhoun, Commercial Hotel and shoe store of John Daily; total loss $40,000.—Dufferin Hotel at Windsor, N.S., totally destroyed.

CONTRACTS OPEN.

PIERSON, MAN.—The Anglicans intend erecting a church here.

NINETTE, MAN. — S. Stephens is erecting new buildings on his farm at Fairhall.

PORTAGE LA PRAIRIE, MAN. —Winnipeg capitalists intend erecting a laundry here.

BANFF, N.W.T. — A water and sewerage system will be established here at a cost of $95,000.

ST. BONIFACE, MAN. — Tenders will shortly be invited for erection of public building here.

GANANOQUE, ONT.—The Town Council have passed a by-law to issue $35,000 of debentures.

RAYMOND, N.W.T.—The Bank of Montreal are erecting a two-storey brick building at this place.

GODERICH, ONT.—The Goderich Elevator & Transit Co. will likely rebuild their elevator here.

CLINTON, ONT.—Tenders are being asked for erection of new factory for the Clinton Knitting Co.

HARTNEY, MAN.—A by-law has been prepared to raise $10,000 for erection of fire hall and town hall.

REVELSTOKE, B.C. — The Eddy Saw Mill Co. intend to rebuild at once their mill recently destroyed by fire.

HULL, QUE.—The city will likely call for tenders for waterworks improvements at an estimated cost of $45,000.

COLLINGWOOD, ONT.—The Municipal Council intend constructing tile sewers at an estimated cost of $58,000.

KINGSTON, ONT.—It is proposed to erect a summer hotel here at a cost of $100,000. J. S. R. McCann is interested.

ESSEX, ONT.—The Public School Board have submitted plans for proposed addition to public school; estimated cost $5,000.

SUDBURY, ONT. — S. Fournier, Treasurer, will receive tenders up to 31st inst. for the purchase of $20,000 of debentures.

KINCARDINE, ONT.—The Council will submit a by-law to the ratepayers to provide $3,000 for addition to High school.

FAIRVILLE, N.B. — The Railway Commissioners have instructed the C.P.R. to place gates at the crossing on Main street.

LONDON, ONT. — The Presbyterians, this city, have definitely decided to buy a site for erection of a church at Chelsea Green.

ALMONTE, ONT.—It is stated that the Government will erect a club house here at a cost of $4,000 if the town will provide a site.

SYDNEY, N.S. — Dr. Sinclair, of Halifax, will report to the Provincial Government on the site for the proposed hospital at Beech Hill.

GLACE BAY, N.S. — The School Board have decided to call for tenders for the raising and two-room addition to the Caledonia street school.

MARKHAM, ONT.—Plans for remodeling and renovating the interior of the Methodist church will be received by G. A. Speight up to August 5th.

SOUTHAMPTON, ONT. — A. C. Crosby, Township Clerk, will receive tenders up to August 2nd for $4,000 4½ per cent. waterworks debentures.

OWEN SOUND, ONT.—Green & McKinnon are preparing a tender for new dock for Geo. W. Baines. Work is expected to commence within two weeks.

FREDERICTON, N.B. — An addi will be added to the main building in the Fredericton Fair grounds to provide seating capacity for 75 more people.

QUEBEC, QUE. — Building permits have been granted as follows: L. Bazin, building on Hermine street, cost $4,000; J. Breton, building on Champlain street, cost $3,500.

CAMPBELLTON, N.B.—The Heine L.O. Lodge will give $4,000 towards the erection of a public hospital and hall, providing the citizens will contribute the other $3,000.

BERLIN, ONT.—A movement is on foot to build a synagogue for the Jewish residents of this place.—It is likely that a large opera house will be erected here in the near future.

HOLLAND, MAN. — Dr. R. M. Simpson, Dr. J. A. Macdonald, of Brandon, and others will report on the suitability of a site for the erection of a sanitarium at this place.

SEAFORTH, ONT.—The Fire and Water Committee have been authorized to repair the electric fire alarm system or install a new system similar to that of the town of Mitchell.

WINGHAM, ONT. — A. Nicol is erecting a brick residence on Diagonal street.—W. H. Green has purchased the lot at west end of Patrick street and intends building thereon.

NEW GLASGOW, N.S. — Tenders will be invited up to 27th inst. for erection of brick extension to Aberdeen Hospital. Plans at office of J. W. Carmichael & Co., this place.

ARNPRIOR, ONT.—The ratepayers will be asked to grant a bonus of $35,000 and a free site for the erection of a factory for the Montreal Suspender & Umbrella Manufacturing Co.

STRATFORD, ONT. — The ratepayers will vote on a by-law July 29th to grant the Dominion Thread Mills Limited exemption from taxation on condition of their erecting a factory here.

SHELBURNE, ONT.—Tenders will be received by Wm. McNab up to 29th inst for painting of outside woodwork and roof of belfrey and glazing of windows of Union S. S. No. 17, Mono.

AMHERST, N.S. — W. F. Donkin, Town Clerk, will receive tenders up to 31st inst. for erection of a brick fire station.—Tenders will shortly be invited for $10,000 4 per cent. water debentures.

KEEWATIN, ONT.—The Ontario Public Works Department are calling for tenders up to 26th inst. for erection of bridge over Portage bay. Plans and specifications may be seen at the clerk's office, this place.

GUELPH, ONT.—The G.T.R. will erect a $40,000 depot here.—The C.P.R. are preparing plans for a new station at Trafalgar square.—A by-law was passed providing a temporary loan of $25,000 for sewerage construction.

PAISLEY, ONT. — D. McGillivray will receive tenders up to August 7th for the work and material required for laying cement sidewalk from the road to the schoolhouse door in S.S. No. 15, Bruce and Saugeen. (M Gilivray)

BRACEBRIDGE, ONT. — By-laws will be submitted to the ratepayers to borrow $6,500 to complete abutments and approaches for new bridge and $5,500 for grading and macadamising part of Manitoba and Thomas streets.

VICTORIA, B.C.—Wm. W. Northcote, purchasing agent for the corporation, is calling for tenders up to Monday, 18th September, for the supply of 1,000 feet of 12 inch and 12,000 feet of 4-inch cast-iron water pipe.

PORT COLBORNE, ONT. — It is understood that the G.T.R. intend building a spur line on the west side of the Welland canal to reach the two million bushel elevator which is now being constructed by the Government.

WATERLOO, ONT.—The by-law to raise $3,000 for improvements to fire and town hall was carried by the ratepayers. The by-law to provide $2,000 for park purposes being defeated.

LISTOWEL, ONT.—A by-law to borrow $16,000 by debentures for construction of steel and concrete bridges on Bismark, Wallace, Main and Elma streets was defeated by the ratepayers.

ROSEBANK, MAN.—John Durant, Secretary-Treasurer, will receive tenders up to 31st inst. for erection of two-roomed school. Plans and specifications may be seen at office of J. H. Jones' lumber yard, this place.

CRANBROOK, B. C.—P. A. Paulson and associates, of Cranbrook, have purchased a large tract of land from the C. P. R. in the East Kootenay. It contains much fine timber and Mr. Paulson intends erecting a saw mill thereon.

SYDNEY, N.S.—The Council have decided to grant a free site to the $12,000,000 shipbuilding enterprise promoted by English capitalists. A portion of Victoria park will be secured for that purpose. Messrs. Mayhew & Gladstone are interested.

NIAGARA FALLS, ONT.—Tenders for construction of sewers were as follows: S. P. McMordie, $4,910; Langley & Cook, $4,824; Cole & McMurray, $4,840; Bell & Bro., $5,055; V. Hill, $4,617; Fraser & Ward, $3,935; P. Lorenzo, $3,713. Contract not yet awarded.

INGERSOLL, ONT.—J. H. George, Chairman, Fire & Light Committee, will receive tenders up to August 12th for a system of street lighting by electric light or gas.—The Ingersoll Nut Co. have purchased five lots south of Carnegie street on which they intend erecting a factory.

ST. THOMAS, ONT.—N. R. Darroch, architect, has prepared plans for three-storey cement warehouse on Railway street for Joseph Griffin. Building will be 40x75 feet.—Plans are being discussed for remodelling Centre street Baptist church at a probable cost of $2,000.

CHATHAM, ONT.—A number of prominent country gentlemen are making application for a charter to operate a new electric road in this district.—C. Austin is calling for tenders up to 29th inst. for erection of brick and stone residence. Plans at office of J. L. Wilson & Son, architects.

FORT WILLIAM, ONT. — W. B. Burrill & Co., of Brantford, Ont., are considering the erection of a factory at this place.—Plans have been completed for the erection of a three-storey brick hotel at an approximate cost of $25,000.

HAMILTON, ONT.—F. Guest has obtained a permit to build a blacksmith shop at corner of Leeming and Barton streets.—Laurence Munro, architect, will report on the cost of installing modern plumbing in the court house. — The Hamilton Cataract Power Co. intend increasing the capacity of their plant. Two new generators, capable of supplying 13,000 horse power, will be installed this fall.

PETERBORO, ONT.—The Board of Works will consult with Willis Chipman, C.E., of Toronto, regarding the laying of a sewer in Ward Five.—The Board have recommended the construction of granolithic walks on the following streets: South side of McDonnel street, from Downie to Donegal streets; east side Downie street, from McDonnell to London; east side Dickson street, from Mc-

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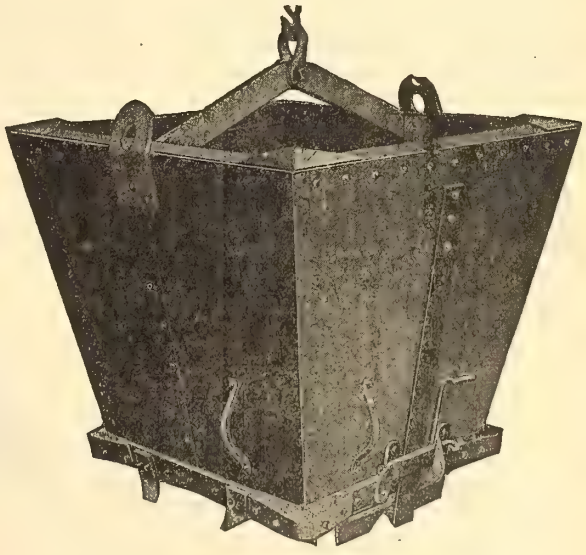

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W. H. C. Mussen & Co.

Railway, Mining and Contractors' Supplies

Montreal

Donnell to Murray, also construction of sewer on Brock street, from Downie to Reid.

MINIOTA, MAN.—Wm. Howard, Secretary Treasurer, will receive tenders up to noon of August 1st for the furnishing of material and building of a superstructure, also two bents and breakwater of a bridge over the Assiniboine river. Plans and specifications can be seen at the Department of Public Works, Winnipeg, and at the office of the Secretary-Treasurer, this place.

BROCKVILLE, ONT.—J. C. Saulnier intends establishing a hat factory here. He is at present fitting up the premises recently occupied by the Brockville Steam Laundry Co. and will install a 15 horse power engine and all requisite machinery necessary to carry on the business on a small scale.—F. I. Ritchie will receive tenders up to 6 p.m. to-day (Wednesday) for erection of dairy buildings and horse stalls at Brockville Fair grounds.

ST. CATHARINES, ONT.—The Toronto-Niagara Power Co. are preparing plans to build new lines between here and Stony Creek to connect with Hamilton. A line will also be built south from here to Pelham township and the town of Welland.

TORONTO, ONT.—The Electrical Development Co. of Ontario will extend their line westward to London, touching at Brantford, Paris, Ingersoll, Woodstock and intermediate points. They also intend installing at once wheels and generators for the development of 60,000 horse power.—The Anglicans will build a frame church at Fisherman's Island.—The Board of Control are asking for tenders up to August 1st for the laying of 24 inch and 16-inch water mains. Plans and specifications at City Engineer's office.—The Property Committee are considering the advisability of purchasing a new site for Phoebe street school.

ST. JOHN, N.B. — The Railway Commissioners have decided that the C.P.R. must erect gates at the railway crossing.—T. H. Crean, of New York, and J. P. Tichenor, of Montreal, were in the city recently looking for a site for the erection of a branch building for the Remington Typewriter Co.—Tenders will shortly be awarded for residence for A. B. Holly. F. Neil Brodie is the architect. —A company of local capitalists will be formed to erect an apartment house here. The capital stock is estimated at $100,000.—James Pender & Co. will make the following extensions to their nail works: A new machine room, 48x40 feet; wire mill, 100x60 feet; cleaning house, 78x46 feet; rod warehouse, 86x50 feet; engine room, 38x25 feet; boiler house, 40x25 feet, and coal shed, 40x40 feet.

HALIFAX, N. S.—The Cape Breton Coal, Iron & Railway Co. are negotiating with the Cape Breton Railway Co. for the acquisition of their road from Hawkesbury to St. Peters. New lines of development will likely be opened up. —Plans are being prepared by J. C. Dumaresq & Son, architects, this place, for the following: Residences for O. M. Hill, W. H. Cleverdon and B. A. Archibald; shop and dwelling for L. W. Dixon; three double flat brick houses for A. B. Crosby, all of Halifax. Alterations to dwelling for J. H. Harris, Moncton, N.B.; dwelling house for T. Doran, Windsor, N.S.; store and office building for A. J. McDonald, Antigonish, N S.; branch bank and office building for the Royal Bank of Canada, Antigonish, N.S.

OTTAWA, ONT.—The Canada Atlantic Railway will build a subway under Bank street.—The Central Canada Exhibition Association will shortly call for tenders for erection of main and dairy buildings at an estimated cost of $86,000.—The Separate School Board will call for tenders for ventilation and sanitary arrangements in Holy Angels' and St. Agatha schools and for painting the outside of Duhamel school and the roof of St. Brebeuf school.—The plans of the James Bay Railway from the Don road through the farm of Robert Davies down to its junction with the belt line have been approved.—The city is laying new walks in front of the Normal school and the Collegiate Institute.— The Municipal Council intend constructing the following local improvements: Concrete sidewalks, Davidson street west, from Sparks to Wellington streets, cost $228; Third ave. south, cost $1,832.—F. Gelinas, Secretary Department Public Works, will receive tenders up to to-day (Wednesday) for addition to Rideau Hall.—A delegation from New Brunswick is in the city regarding the route of the national trans-continental railway. It is said that plans will shortly be submitted for approval.

WINNIPEG, MAN.—Bulman Bros. will reconstruct their building, recently destroyed by fire, at corner of Bannatyne and Albert streets. Building to be seven stories, of brick and stone construction.—The Scott Furniture Co. are

J. HARVEY

CONTRACTOR

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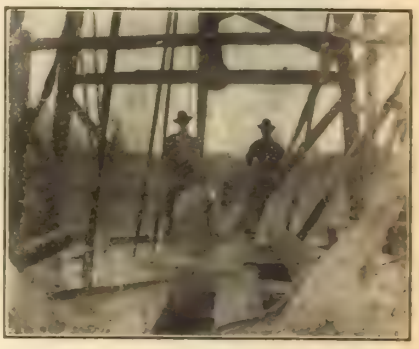
Driller of Oil, Gas, Salt or Artesian Wells. Deep Wells a Specialty.



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MILLER BROS. & TOMS
MONTREAL

calling for tenders for the rebuilding of their store recently destroyed by fire, work to be completed by October 15th next.—Tenders will also be invited this month for the western section of the Grand Trunk Pacific from Winnipeg to the intersection branch of C.P.R.—The Health Committee have decided to enlarge the city crematory at a cost of $4,500. — The Confederation Life intend erecting a stone and brick block at corner of Princess and Bannatyne streets.—Darling, Pearson & Over, architects, will receive tenders up to 27th inst. for erection of a residence on Broadway for Dr. R. J. Blanchard.—Tenders will be received up to August 26th for the purchase of $111,087 4 per cent. drainage debentures.—The site for the new school at Headingly has been selected and tenders will be called for the purchase of debentures and for the erection of new building.

VANCOUVER, B. C.—Plans of the new No. 1 firehall were submitted by architect Whiteway. Building will be two-stories high, with basement and tower for drying hose, estimated cost $20,000.—A new brick building will be built on the site of the Sunnyside Hotel, construction to begin in March next.—P. Larson will erect a brick building in place of the present Norden Hotel.--The West End Baptists have purchased a site on corner of Jarvis and Nelson streets on which they intend erecting a church.—Plans are being prepared for a three-storey block for H. J. Franklin on a vacant lot in the business section on Hastings street. Building will be of brick and stone with a frontage of 25 feet 6 inches ; estimated cost $10,000.—A local capitalist purchased two lots on Cordova street east from C. S. Douglas & Co. on which he intends constructing a large building.—The Vancouver Lumber Co. intend erecting a shed for the storing of dried lumber.—It is stated that the C. P. R. intend extending their line on Vancouver Island in the near future.

MONTREAL, QUE.—Two sisters of the Loretto Academy, Toronto, are in the city trying to make arrangements with Archbishop Bruchesi to open an English-speaking convent of their order. —The C.P.R. intend constructing a number of new cars for hauling the wheat crop, also ten passenger cars and thirty cabooses.—Building permits have been granted as follows : Northern Electric Co., foundations for factory, corner Guy, Notre Dame and William streets, cost $31,000 ; A. Royer, wood dwelling, Huntly street, cost $2,000 ; J. A. Marson, wood dwelling, Christophe Colombe street, cost $3,000 ; Napoleon Carbeau, pair wood dwellings, Alywin street, cost $7,000 ; Dominion Express Co., dwelling, Latour street, cost $7,000 ; A. Lagarde, dwelling, Ontario street, cost $4,500 ; W. L. Hunton, apartment house, Durocher street, cost $12,000 ; Canadian Rubber Co., warehouse, corner Dorion and Notre Dame streets, cost $3,500 ; Odilon Vanier, four dwellings, Berri street, cost $8,000 ; Estate Geo. W. Stephens, dwelling, St. Antoine street, cost $50,000 ; Onesime Gagnon, dwelling, Cuvillier street, cost $2,500 ; O. Belanger, dwelling, St. Hubert street, cost $4,500 ; J. A. Brosseau, wood dwelling, Boyer street, cost $2,000 ; R. Rivet, dwelling, Pontiac street, cost $2,600 ; Isidore Moquin, two dwellings, Mount Royal ave., cost $9,000 ; J. O. Gagnon, dwelling, Notre Dame street, cost $3,300 ; N. A. C. Fortier, dwelling, Labelle street, cost $3,500 ; Sicily Asphalt Co., shed, Prince street, cost $3,000 ; T.

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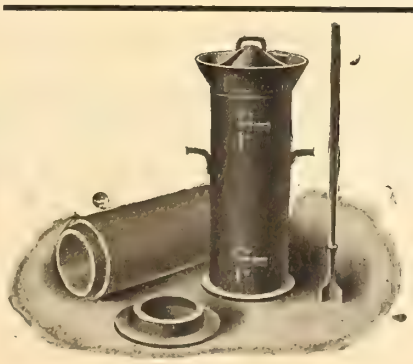

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Carpentier, jr., four dwellings, Demontigny street, cost $8,000; L. Bergeron, dwelling, Havre street, cost $3,000; Jos. Martel, dwelling, Harbor street, cost $3,000.

CONTRACTS AWARDED.

CARTRIGHT, MAN.—Building bridge over Pembina river: R. B. Watson, contractor.

STRATHCONA, N.W.T.—Addition to Douglas Bros. store: Mr. Deitz, contractor.

CARLYLE, N. W. T. — Four-room school: J. Dodds, contractor. estimated cost $10,000.

PONOKA, N.W.T. — 30,000 bushel elevator: Fraser Bros., Strathcona, successful contractor.

RAT PORTAGE, ONT.—New C.P.R. boiler house: J. J. McDiarmid, contractor, price $10,000.

CHATHAM, ONT.—Improvements to Central school; W. H. Carswell, successful tenderer, $3,185.

LISTOWEL, ONT.—Erection of two steel bridges: A. Hill & Co., Mitchell, successful tenderers.

COLLINGWOOD, ONT.—Repairs to Central school: Woolner & Herrington, successful tender, $655.

MAISONNEUVE, QUE. — $150,000 municipal debentures: Societe d' Administration Generale, purchasers.

PORT HOPE, ONT.—New Presbyterian church: Chislett & Garnett, contractors, estimated cost, $23,000.

EDMONTON, N.W.T.—Flour mill and elevator of Alberta Milling Co, Ltd.: Fraser Bros. Strathcona, successful contractors.

NEEPAWA, MAN. — Fusee & McFeetors have been awarded the contract for the new Empire block at a total cost of $50,000.

MOOSOMIN, N. W. T.—Tenders for construction of granolithic walks were awarded to J. E. Blackwell at 17½ cents per square foot.

WINNIPEG, MAN. — Addition to Stephen & Co.'s Market street warehouses: Carpentry, D. W. Latimer; masonry, Saul & Irish.

BRADFORD, ONT. — Heating and ventilating public school: James Smart Manufacturing Co., successful tenderers.

GLACE BAY, N.S.—W. Curry, contractor has secured the contracts for building residences for Mr. Pippey, of New Aberdeen, and D. McLean, of Caledonia.

QUEBEC, QUE.—The Quebec Harbor Commissioners have awarded the contract for crib work outside the wall in the inner basin to M. P. and J. T. Davis at a cost of $300,000.

KEEWATIN, ONT. — Milling and elevator plant for Keewatin Flour Mills Co.: MacDonald Engineering Co., Chicago, successful contractors; approximate cost $750,000

PORT ELGIN, ONT.—Building new schoolhouse: C. Rayworth, this place, contractor.—Stephen Trenholm has been awarded the contract for building the Matheson-Allen block.

ROSSLAND MINES, B. C.—Building the pole lines from Cascade to Grand Forks, Phœnix and Greenwood for West Kootenay Power & Light Co.: Barber & Peters, contractors.

TORONTO, ONT.—The contracts for two bridges, one at Bolton, the other at Rowntree's Hill, have been awarded to Orangeville Paving Co. Hamilton Bridge Co. will erect superstructure.

KINGSTON, ONT. — Improvements and alterations to premises of R. J. Reid: Painting and glazing, Robinson Bros.; masonry, Moreley & Watts; plumbing and tinsmithing, Simmons Bros. carpentry, J. King.

MONTREAL, QUE. — The C. P. R. have awarded the contract for double tracking the road from Fort William to Winnipeg, a distance of 426 miles, to Foley Bros., work to be completed within three years.

MEDICINE HAT, N. W. T. — The School Board have decided to accept the offer of Wood, Gundy & Co., for $25,000 school debentures on condition that the money be paid on or before October 1st.

VANCOUVER, B. C. — Three-storey building for the Temple Realty Syndicate: Grant & Henderson, architects; Adams & McDonald, contractors; estimated cost $25,000.—Two-storey residence for Rheinhold Minaty: Architect, Emil Guenther; excavation and basement H. Campbell, cost $5,000.

OWEN SOUND, ONT.—Breeckells & Mathews, Toronto, have been awarded the contract for installing the new organ in St. Paul's church here, at a cost of

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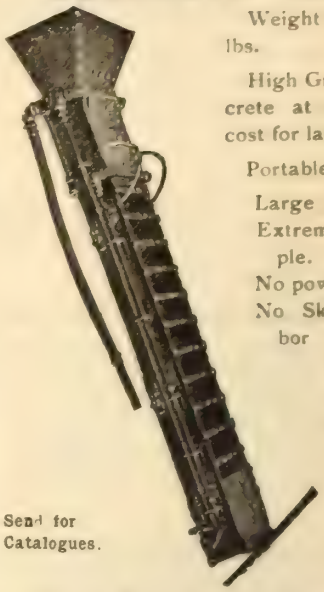

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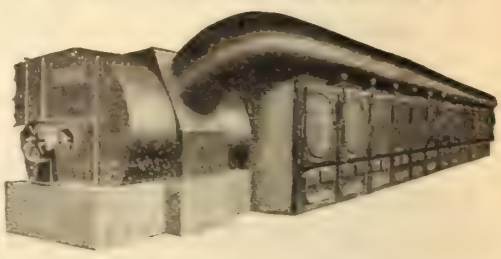

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$1,500.—Erection of new Y.M.C.A. building: Masonry and brickwork, Grier & Sinclair; carpentry, D. Stephens, Chesley; plastering, T. McClelland; painting, Rickard Bros.

VICTORIA, B. C.—D. H. Bale has secured the contracts for the following residences: Wm. Bryce, Cadboro Bay road; G. L. Gibson, Government street; Lorne Gates, Bay street; Mrs. R. A. Crowther, Williams street; W. J. Good, Washington ave., and for R. Wood, on Foul Bay road. — Building Rock bay bridge: Wm. Rockett, contractor, $9,468.

LONDON, ONT. — The Board of Works has awarded the following contracts for sewers: King street, from Glebe to Lyle, Moses Cox, $385; Maitland st., South to Hill, C. Leathorn, $1,025; Burwell street, Dundas to King, Fred Harding, $388; St. George street, Sydenham to Oxford, C. Leathorn, $545—a total of $2,343.—Roundhouse for the G. T. R. in the Stuart street yards: George Hayman & Sons, contractors, cost about $20,000.

ST. THOMAS, ONT. — Undertaking establishment for P. R. Williams & Son: Masonry, J. Horton; carpentry, Balsdon & Blewett; plastering, J. Stewart; plumbing, F. Cook.—Duncan & McKee, architects, have awarded the contract for four-storey building, building of an annex 24 x 70 feet, and the installation of an elevator for J. B. Spence. Green & Sons will do the carpentry work and A. E. Ponsford the mason work.—1,500 ft. of pile driving in

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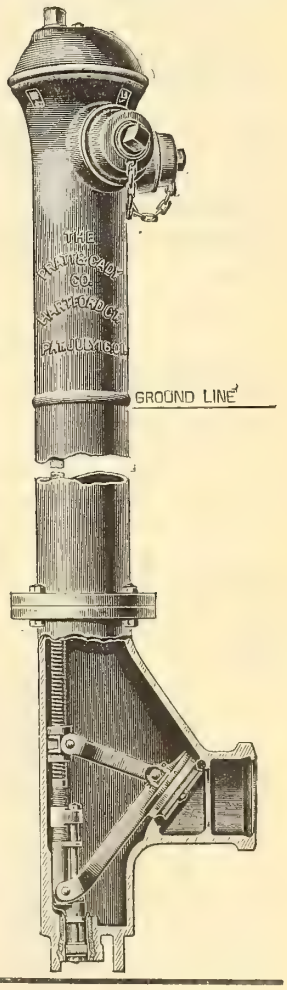

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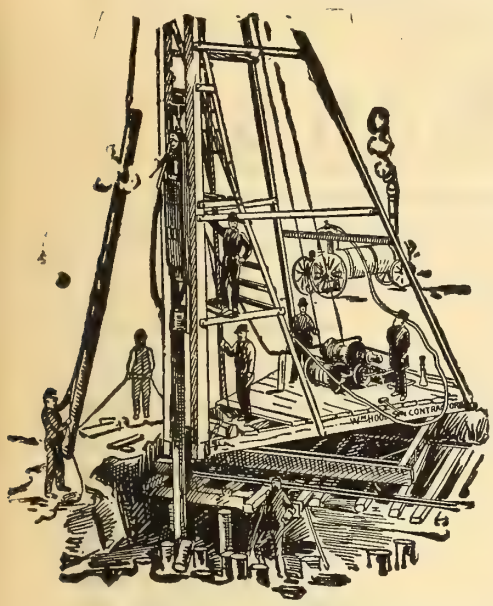

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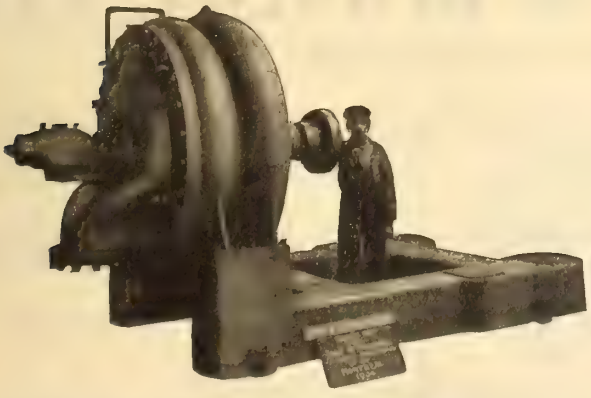

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the harbor of Port Stanley, John Smale, this place, contractor.

REGINA, N. W. T. The Board of Works Committee received the following tenders for construction of granolithic sidewalks on South Railway and Scarth streets: W. J. Carter, Edmonton, $2.33 per square yard; McKay & Anticknap, Regina, $8.34 per cubic yard; Dobson, Jackson & Fry, sidewalk, 25 cents per square foot; curb, 40 cents per lineal foot; tile and gravel, 15 cents per lineal foot; Wm. Newman, Windsor, 19½ cents per square foot, (accepted).—Plans are being prepared for extension of waterworks and sewerage systems.

NEW COMPANIES.

Guelph Stove Company, Limited, Guelph, Ont., incorporated, capital $200,000. Directors, J. Brown, M. Kelly, F. Nunan, C. Klœpher and F. T. Coghlan, all of Guelph.

H. P. Lang Company, Limited, Stratford, Ont., incorporated, capital $40,000,

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Sewer Pipes, Best English Cements. Best Belgian Cements
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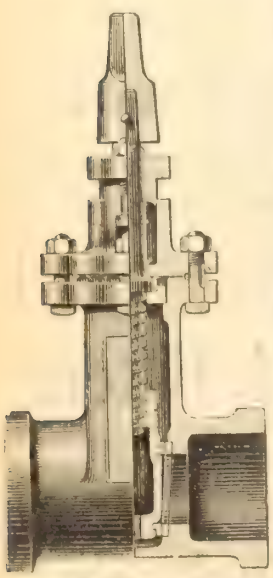
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Building & Securities Company, Limited, Sarnia, Ont., incorporated, capital $50,000, to deal in real estate and do a general agency and brokerage business.

Toronto Sand Lime Brick Company, Limited, Toronto Junction, Ont., incorporated, capital $40,000, to manufacture sand lime brick, and other brick, and to do a general business in sand, lime, gravel, cement or brick. Directors, G. H. Large, J. Schultz and J. S. Proctor, all of Toronto Junction.

Ogden Oil Company, Limited, Winsor, Ont., incorporated, capital $50,000, to construct pipe lines and perform any other act pertaining to the business. Directors, W. W. Taberner, J.W. Hanna, F. Rehm, and others.

Spider Lake Mining Company, Limited, Windsor, Ont., incorporated, capital $1,000,000. Directors, H. D. Keller, A. H. Roehm, J. E. Burgess, C. L. Brumme and A. R. Bartlet, all of Detroit, Mich.

Fielding Chemical Company, Limited, Guelph, Ont., iucorporated, capital $40,000, to carry on business as manufacturing chemists. Directors, W. J. Fielding, E. Fielding, N. A. Duncan, and others, of Toronto.

J. B. Whitehead, City Clerk, of Brandon, Man., has resigned.

The Stevens Manufacturing Co., London, Ont., have changed their name to the Canada Brass & Supply Co.

The creditors of Shepard, Farmer & Company, lumber merchants, Boston, Mass., are reported to have accepted their offer of 37½ per cent.

Additions and improvements to the plant of the Owen Sound Portland Cement Co. of Shallow Lake, Ont., which will almost double the output, are nearing completion. The capacity will then be about 1,000 barrels per day.

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White veneer brick, per M. on car	14 00
Red pressed brick, per M. on car	30 00 to 32 00
Red Sand Mould Brick	21 00
Pressed Bricks (except red)	30 00 to 40 00
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Vitrified Paving Brick	38 00
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Dimension stone, per cubic ft.	30 c to 35 c
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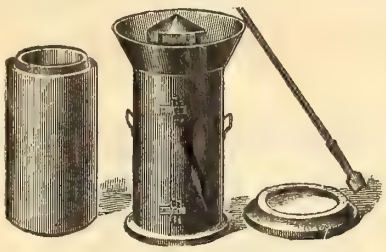
Grey Lime, per bushel at quarry	22 c
Grey Lime, per bushel delivered	32 c
White Lime, per bushel at quarry	22 c
White Lime, per bushel delivered	32 c
American hard wall plaster, per ton f.o.b.	15 00
Manitoba hard wall plaster, per ton f.o.b.	15 00
Ordinary hard wall plaster, per barrel	3 25
Pitch pine hard wall plaster, per barrel	4 50
Building papers, Anchor, plain	65 c
Building papers, Cyclone and Jubilee, plain	77½
Building papers, Anchor, tarred	70 c
Building papers, Cyclone and Jubilee, tarred	80 c
Building papers, Shield, tarred	65 c

Sewer Pipe, 3 in., 8½ c; 4 in., 10½ c; 5 in., 14½ c; 6 in., 16½ c; 8 in., 25 c; 9 in., 30 c; 10 in., 36 c; 12 in., 45 c; 15 in., 75 c; 18 in., $1.00; 20 in., $1.50; 24 in., $2.00.



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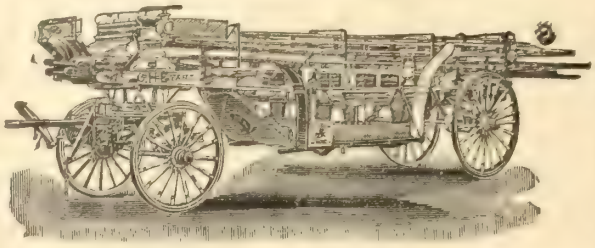

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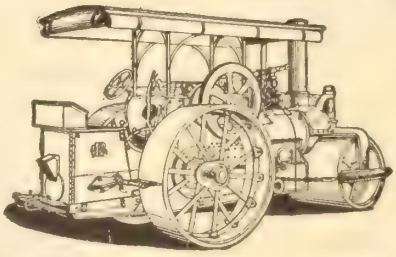

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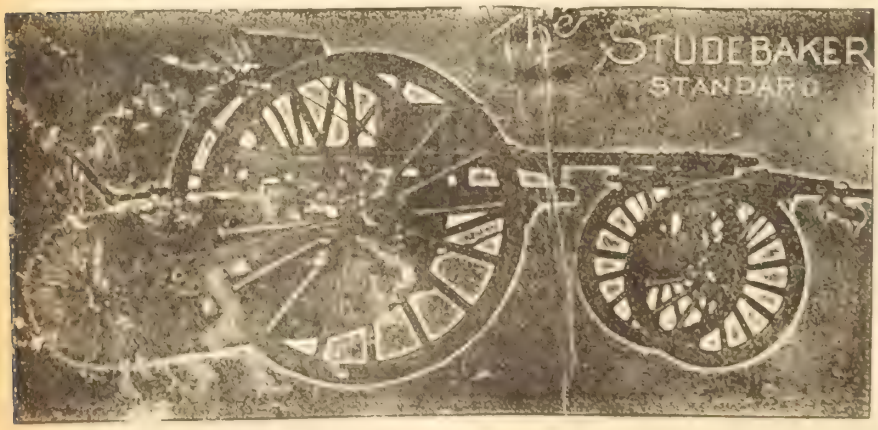

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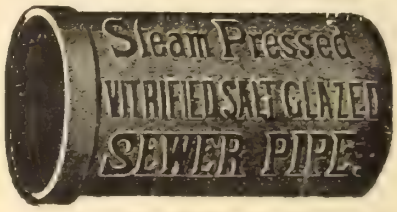

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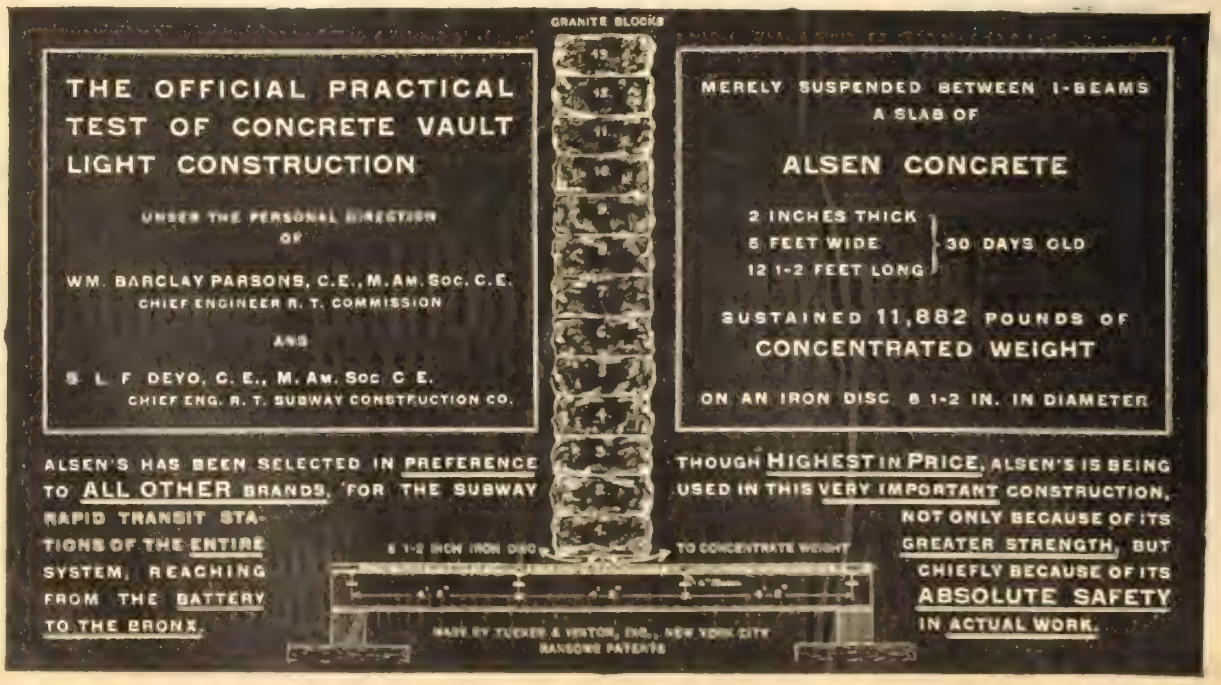

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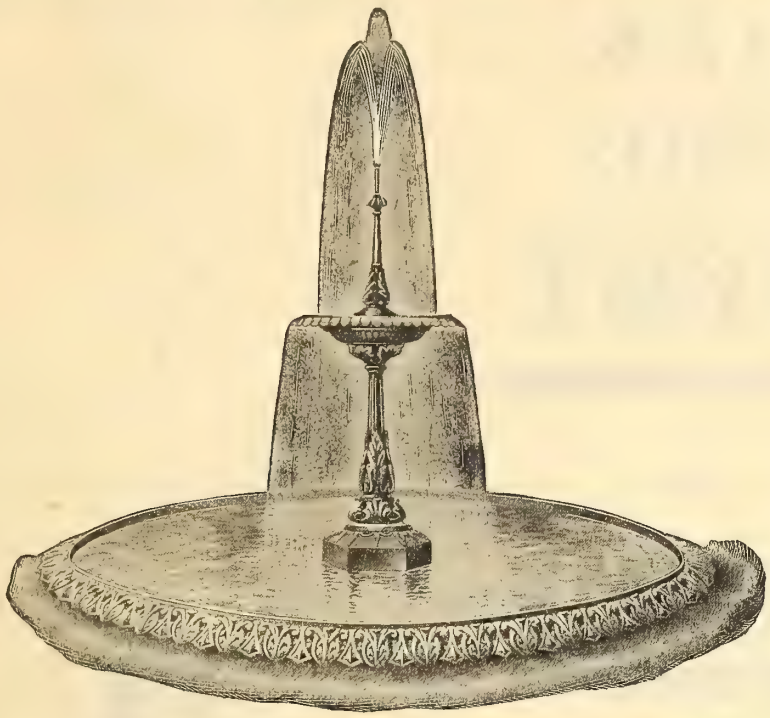

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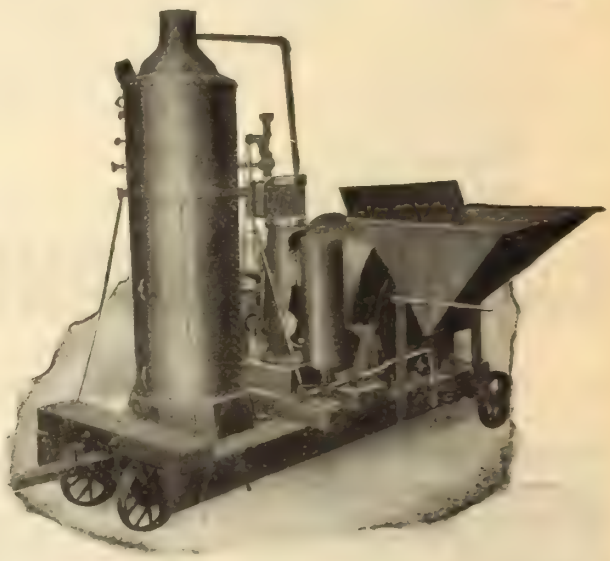

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MONTREAL

CANADIAN

Contract Record

A Weekly Journal of Public Works, Tenders, Advance Information and Municipal Progress

This Paper Reaches Every Week the Town and City Clerks, Town and City Engineers, County Clerks and County Engineers, Purchasers of Municipal Debentures and Leading Contractors in All Lines Throughout Canada

VOL. 16. TORONTO, MONTREAL — AUGUST 2, 1905 — WINNIPEG, VANCOUVER No. 22

THE CANADIAN CONTRACT RECORD

PUBLISHED EVERY WEDNESDAY

As an Intermediate Edition of the Canadian Architect and Builder.

THE C. H. MORTIMER PUBLISHING COMPANY

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DEBENTURES FOR SALE

Town of Barrie, Ont.

Sealed tenders will be received by the under signed up to SEPTEMBER 1ST, 1905, for the purchase of two lots of School Debentures amounting to $4,800, 4½% repayable in 20 equal annual payments of principal and interest. The highest or any tender not necessarily accepted.

For further particulars apply to

E. DONNELL,
Town Treasurer.

Barrie, July 24th, 1905.

The Corporation of the City of Regina

REGINA CITY HALL COMPETITION

Architects are invited to submit competitive designs for the new City Hall proposed to be erected in this City.

The cost of the building, exclusive of furnishing, not to exceed $60,000.

CONDITIONS.

Designs to be delivered on or before 5 o'clock p. m. of the 1ST DAY OF SEPTEMBER, 1905, at the City Clerk's office, marked City Hall Competition. No name or other descriptive mark to appear on drawings but each competitor is requested to place a motto on his plan and enclose it in a sealed envelope containing his name, which envelope will not be opened until after the award is made, when the designs of unsuccessful competitors will be returned.

The Council does not bind itself to accept any of the designs submitted.

The architect (if any) whose design is accepted will be requested to provide all necessary drawings, etc., and will be employed to carry out the work, and he will be paid at the rate of 5% on the total outlay.

The style of architecture, general arrangement of plan and materials to be employed is left entirely to competitors.

For particulars apply to the undersigned.

J. KELSO HUNTER,
Secretary-Treasurer.

Regina, N.W.T., 14th July, 1905.

TENDERS WANTED

The undersigned will receive tenders up to 12 o'clock, noon, of FRIDAY, THE 11TH DAY OF AUGUST, 1905, for the construction of about 11,000 square feet of Granolithic Pavement, besides crossings, in the Village of Exeter, according to specifications which may be seen at the office of the undersigned.

The lowest or any tender not necessarily accepted.

J. SENIOR,
Clerk of Village of Exeter.

CITY OF MOOSE JAW, N.W.T., CANADA

Sealed tenders will be received by the City of Moose Jaw up to MONDAY, THE 21ST AUGUST, 1905, at five o'clock p. m., for the following:

200 Horse Power Boiler.

350 Horse Power Engine, Condenser, Feed Pump and Heater.

225 K. W. Alternating Current Generator, Exciter and Switchboard.

Specifications can be seen at the office of the Secretary-Treasurer, who will receive tenders.

Each tender must be accompanied by an accepted cheque, draft or cash deposit for the sum of $500 which will be subject to forfeiture in case of failure on the part of the contractor to enter into a written contract.

The city reserves the right to reject any or all tenders.

JOHN D. SIMPSON,
Secretary-Treasurer.

Moose Jaw, N. W. T., 25th July, 1905.

CITY OF PRINCE ALBERT SASKATCHEWAN

WATER WORKS AND SEWERAGE WORKS

Sealed tenders will be received by the Secretary-Treasurer of the City of Prince Albert, until 8 p. m, on WEDNESDAY, AUGUST 16TH, 1905, for the following:

Contract "A" Labor, Pipelaying on Water Works and Sewers.
Contract "B" Pump House.
" "C" Water Tower Standpipe.
" "D" Pipes and Specials.
" "E" Fire Hydrants and Valves.
" "F" Sewer Pipes and Junctions.
" "G" Pumping Machinery
" "H" Two Return Tubular Boilers.
" "I" Intake and Wells.
" "J" Sedimentation Basins.

Plans and specifications may be seen at the office of the Chief Engineer, 103 Bay Street, Toronto, or at the City Hall, Prince Albert, on and after August 1st, 1905.

No tender necessarily accepted.

WM. COWAN, ESQ.,
Mayor,
Prince Albert, N. W. T.

C. O. DAVIDSON, Esq.,
Secretary Treasurer,
Prince Albert, N. W. T.

WILLIS CHIPMAN,
Chief Engineer,
103 Bay Street,
Toronto, Ont.

TENDERS WANTED

Office City of Guelph Light & Power Department,
Guelph, Ontario, July 31st, 1905.

Sealed proposals will be received at above office until 12 o'clock noon, on AUGUST 22ND, for the erection of three buildings and apparatus, consisting of Retorts, Exhausters, Condensers, Scrubbers, Meter, Governor Holder, Water Gas Apparatus, etc.

Plans and specifications may be seen at office as above, and at the office of the James Gardiner, Jr., Co., 202 Lewis Block, Pittsburg, Pa.

JOHN YULE,
Manager.

CONTRACTS OPEN.

PHŒNIX, B.C.—A site has been purchased for proposed city hall, cost about $6,000.

MINIOTA, MAN.—The municipality will build a bridge and breakwater over the Assiniboine river.

PRINCE ALBERT, N.W.T.—James Mack, of this place, will erect a flour mill and elevator at Vonda.

ARCOLA, N.W.T.—It is stated that the Merchants Bank of Canada intend erecting a three-storey brick block here.

DOUGLASTOWN, N.B. — A. W. Nordin is interesting capital in the erection of a large planing mill at this place.

HINTONBURG, ONT.—The proposed scheme to construct a sewerage system here has been abandoned for the present.

NAPANEE, ONT.—R. S. Kelsch, C. E., Montreal, has been engaged as consulting engineer to install an electric light plant.

BERLIN, ONT. — McPhee & Mahony, architects, of Guelph, are preparing plans for a $35,000 opera house to be built in this town.

QUEBEC, QUE.—A. Malouin, secretary fire committee, will receive tenders up to 10th inst. for supply of 1,000 feet of cotton fire hose.

WATERLOO, ONT.—Witzel & McCuaig, of Brampton, Ont., will likely submit a proposition to the Council regarding the erection of a factory here.

MOOSE JAW, N.W.T.—Wm. Grayron has commenced another block, one storey and basement, brick, plate glass fronts, containing four stores.

ST. BONIFACE, MAN.—The by-law to provide funds for erection of new town hall and other local improvements will be voted on August 11th.

PORT DALHOUSIE, ONT.—M. J. Haney, of Toronto, was here recently selecting a site for his proposed works for the manufacture of contractors' plant.

CORNWALL, ONT. — Tenders will be called for five steel bridges in connection with the River Aux Raisin drainage scheme in townships of Osnabruck and Cornwall.

SOURIS, MAN.—A joint stock company will likely be formed to erect a large business block at this place.

ESTERHAZY, N. W. T. — Chas. Woods has purchased the Central Hotel and purposes renovating and enlarging it.

ST. MARY'S ONT.—The Council will submit a by-law to the ratepayers to grant a bonus of $35,000 to the C.P.R. to enter the town.

NAPINKA, MAN.—The citizens will erect a $5,000 building, the lower storey to be occupied by the Merchants Bank and the upper storey as a town hall.

MIDLAND, ONT. — By-laws have been passed in Council to borrow $10,000 to build cement sidewalks.—Sewer and High school debentures will be placed on the market.

NEEPAWA, MAN.—Engineer Archibald has submitted to the Town Council a plan of the proposed White Mud river water power development, which is estimated to cost $40,000.

GODERICH, ONT. — The Town Council have decided to submit a by-law to the ratepayers giving a franchise to the proposed gas company in which Peter Ryan, of Toronto, is interested.

MIMICO, ONT.—W. F. Young, lessee of the hotel destroyed by fire, will erect a temporary building pending the erection of a more substantial structure.

FORT ERIE, ONT.—The East Side Land Co. has submitted a proposition to establish a waterworks system, using a stand-pipe, at estimated cost of $50,000.

VIRDEN, MAN. — J. H. Agnew, Secretary-Treasurer of the town, will receive bids up to August 19th for purchase of $25,000 five per cent. debentures issued for purpose of building a new school.

NEW WESTMINSTER, B.C. — Plans are under consideration for a fire protection system for the Fraser River Saw Mill Company. Sprinklers may be adopted.

FORT FRANCES, ONT. — The Church of England will erect a church at International Falls.—John Stone is preparing plans for a three-storey brick hotel 60x100 feet.

PHŒNIX, MAN. — The City Council are taking steps towards the erection of a public building here, at a cost of $6,000.—Local capitalists will build an opera house 50 × 100 feet.

OSHAWA, ONT. — Dr. Kaiser, County Commissioner, will receive tenders up to 4th inst. for construction of two concrete arches on town line between counties of Ontario and Durham.

STRATFORD, ONT.—The by-law to grant the Dominion Thread Mills, Limited, exemption from taxation was carried by the ratepayers. The company will erect an up-to-date factory immediately.

COBOURG, ONT.—M. F. McNachton, Counties' Treasurer, will receive bids up to 15th inst. for purchase of $20,000 4½ per cent. debentures issued by the United Counties of Northumberland and Durham.

SUDBURY, ONT.—The Canadian Copper Co. have decided to erect a smelter at Copper Cliff costing about $75,000. A large sum of money will be expended in developing a water power at High Falls.

HALIFAX, N. S.—Plans are being prepared for improved Intercolonial railway terminals.—Tenders for construction of quay wall here will be received at the Intercolonial Railway office, Moncton, up to 19th inst.

REGINA, N.W.T.—The Smith-Ferguson Co. have had plans prepared for a two-storey warehouse 48 × 80 feet, covered with iron.—The Cockshutt Plow Co., of Brantford, Ont., will erect a three-storey building here.

TILBURY, ONT. — A. A. Wilson, Village Clerk, requests tenders by 10th inst. for laying 1,826 feet of 4-inch and 1,156 feet of 6-inch cast iron pipe, also for furnishing five hydrants, gate valves, special castings, etc.

OWEN SOUND, ONT.—The electric light plant owned by the town will likely be further enlarged in the near future.—The Council will engage an hydraulic engineer to report upon waterworks improvements.

MONCTON, N.B. — D. Pottinger, manager Intercolonial Railway, will receive tenders up to 7th inst. for construction of two 80,000 gallon water tanks, one at Truro, N.S., and one at Riviere du Loup, Que.

BRANDON, MAN.— Tenders will be received by J. C. Cousins, Pendennis P. O., up to 4th inst., for construction of bridge over the Little Saskatchewan river. Plans at office of Coldwell, Coleman & Noble, this place.

NEWMARKET, ONT.—The Town Council will invite tenders for construction of granolithic sidewalk on both sides of Main street, also for a 1,000 gallon fire pump, 200 horse power heater, wire, etc., for the electric light plant.

SANDRINGHAM, ONT.—Tenders will be received by R. C. McGregor, Township Clerk, up to 8th inst., for the construction of the Steele-Hough drain 2nd and 3rd concessions. Plans at office of Dunn & Fullerton, Winchester, Ont.

PARRY SOUND, ONT.—James A. Jamieson has made a proposition to establish a factory here for the manufacture of iron bedsteads, mattresses, etc. — Notice has been given in Council to borrow money to enlarge the electric light plant.

CHATHAM, N.B.—The Town Council is taking steps to improve the electric light plant, at a cost of about $35,000.—It is reported that the American syndicate which purchased the Richards lumber property will erect a new saw mill at Clark's Cove.

WESTMOUNT, QUE. — Bids invited by Wm. Minto, Town Treasurer, up to Saturday, September 2nd, for purchase of $225,000 4 per cent. 40-year bonds for installation of electric lighting and incinerator plant and $250,000 4 per cent. 40-year bonds for street improvements and construction of sewers.

LONDON, ONT. — H. C. McBride, architect, is this week taking tenders on a club house.—Same architect has completed plans for the extension of the Liberal Club house, corner of Queen's avenue and Clarence street, and tenders will be invited immediately.

ORILLIA, ONT.—Revised plans are being prepared by W. H. Croker for proposed Y.M.C.A. building with a view to reducing the cost.—J. C. Rose, Clerk Township of Orillia, wants bids by 7th inst. for purchase of $1,200 5 per cent. debentures of school section No. 13.

ST. JOHN, N. B.—It is understood that only two tenders have been received for the construction of the Central Railway and it is probable that neither of them will be accepted. The Commissioners are considering the question of substituting steel bridges in several cases where wooden structures were called for in the specifications.

SYDNEY, C. B.—A site has been selected for the proposed college for the King's School of Engineering. Plans and specifications are being prepared and tenders will shortly be called for.—The Western Union Telegraph & Cable Co. intend making improvements here, including the installation of a storage battery system.

VANCOUVER, B.C.—Shand & Pearson, architects, are preparing plans for erection of a roof garden on Hotel Metropole. The plumbing system of the hotel will also be renewed.—A company has been formed here to manufacture extension ladders and other patented devices. President, A. P. May ; secretary-treasurer, J. D. Quine.

BOWMANVILLE, ONT. — Tenders will be received up to Friday, 4th inst., for construction of two concrete arch bridges on the town line between Whitby and Darlington, south of Taunton. Plans at office of the "Canadian Statesman," this place.—Work has just commenced on the new factory for the Durham Rubber Manufacturing Co.

CALGARY, N.W.T. — The Calgary Street Railway Co. have asked for permission to proceed with the construction of an electric street railway.—The Portland Cement Company is being organized here with the object of establishing a large plant. Those interested include P. Burns, of Vancouver ; A. J. Norquay, of Winnipeg ; and W. M. Alexander, of the Alexander Milling Company, Brandon.

FERNIE, B.C.—A site for the Government post office building has been purchased on corner of Cox street and Pellatt ave.—It is reported that the construction of the Kootenay Central railway will shortly be commenced and that sub-contracts will be let at once for the construction of at least 100 miles.

FORT FRANCES, ONT.—It is likely that the Town Council will consider the matter of installing an electric lighting system this fall.—Tenders will be received up to Friday, 4th inst., for erection of a three-storey brick block for Louis Christie, consisting of stores, offices and Masonic lodge rooms. Plans at office of J. Chisholm, architect, Winnipeg, and at office of the owner.

TORONTO JUNCTION, ONT.—The Wilkinson Plow Co. have purchased 200 feet of land on Campbell ave. on which to erect buildings for a new industry.—Building permits have been granted as follows : S. Womersley, two brick dwellings on Humberside avenue, to cost $1,900 each ; Wardell and Speers, two brick houses, Dundas street, $1,900 each ; Alex. Brown, brick house, Gothic avenue, $1,700 ; W. Haydon, frame house, Drurie street, $500 ; S. E. Jewett, three pairs of houses, frame, Kingsley avenue, $1,200 each.—The Francis Frost Co. are negotiating with the Council for a site at the head of Cawthra ave. on which to erect a factory building.

EDMONTON, N. W. T.—Revillon Bros. intend erecting a six-storey warehouse. — Plans are being prepared by Johnstone & Barnes, architects, for a hotel at corner of Rice and McDougall streets for G. Hutton. — By-laws have been introduced in Council to raise $8,000 for cement walks, $30,000 to enlarge and improve the market, $15,000 for improvements to the light and power plant and installation of series arc system of street lighting, $3,500 for erection of isolation hospital and $5,500 for fire hall improvements and new chemical engine and hose wagon.

NIAGARA FALLS, ONT. — The Water Commissioners will ask for tenders for 2-inch pipe.—The City Council have requested the Niagara Falls Park Commission to construct a submerged dam at the intake of the city's water supply to restore the river to its former level. The work will cost about $25,000.—Tenders for installation of a pumping unit, to con-

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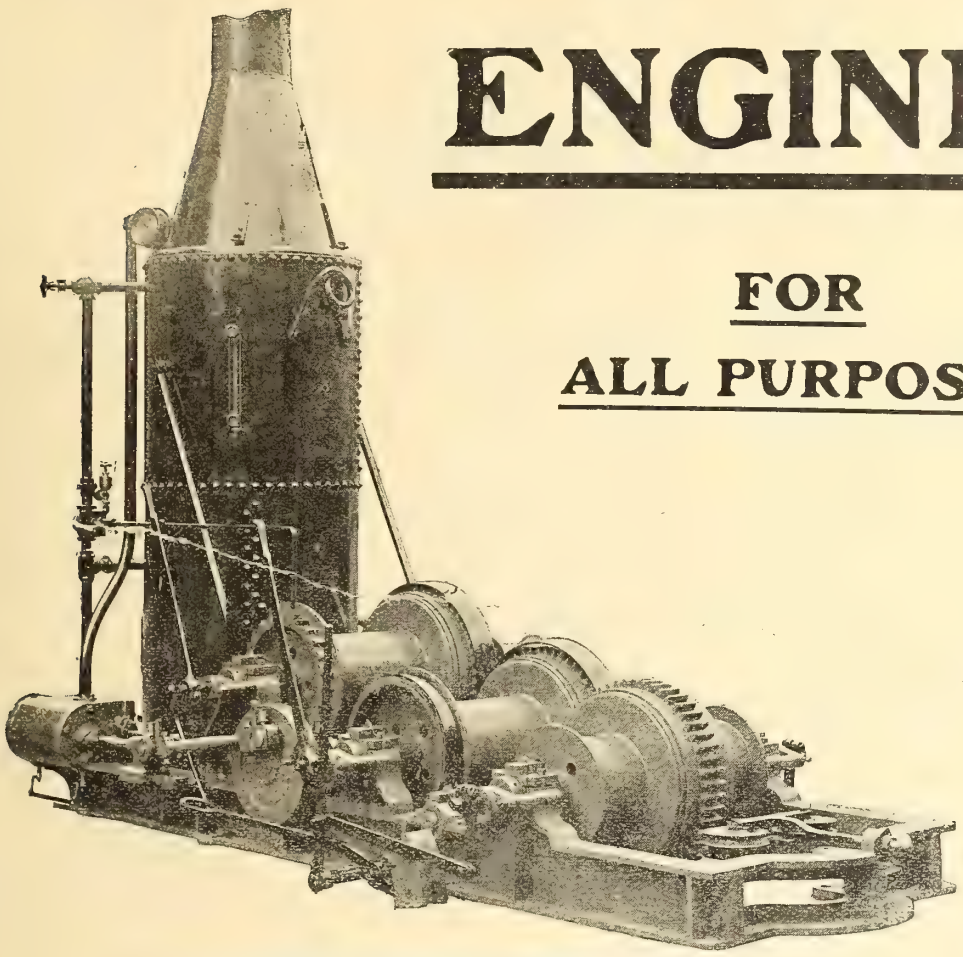

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sist of a centrifugal pump of [illegible] gallons capacity, direct connected to motor, will be received by James Butters, Secretary Water Commissioners, up to September 2nd.

PETERBORO, ONT.—Surveys have been begun, under the direction of Wm. C. Heathcote, C. E., for proposed extension of the Peterboro Radial Railway Co.'s system from this city to Young's Point, about 14 miles. — The Peterboro Lock Manufacturing Co. desire tenders by Saturday, 12th inst., for erection of new buildings in north end of the city. —Rev. W. L. Major will receive tenders up to August 9th for erection of All Saints' church on Rubidge street. Plans at office of Belcher & Heathcote.

MONTREAL, QUE. — The Walter M. Lowney Chocolate Co., of the Western States, intend erecting a six-storey factory on William street, at an estimated cost of $63,000.—A company is being organized under the name of the Canada Produce Co., Limited, to build a large creamery in this vicinity.—Plans will be prepared at once for the erection of a fire hall station to replace No. 5 on Berthelet street, probable cost $14,000.—D. D. Mann, of the Canadian Northern Railway, has purchased the St. Leon Springs hotel property in Assumption County and it is understood will build an electric railroad from the hotel to connect with the Great Northern, about six miles. —The announcement is made that the Windsor Hotel Co. have completed financial arrangements for the new wing to be built.

HAMILTON, ONT. — Tenders will be received up to 21st inst. for the erection of a fireproof office building for the Bank of Hamilton. Plans at office of Charles Mills, architect.—A large manufacturing concern has bought the Peter Thompson property on west side Wentworth street and intend erecting a large factory thereon.—The Pittsburg Building Co. will build 300 houses in the northeast section of the city for the employees of the Westinghouse Co.—The Federal Life Assurance Co. intend erecting an eight-storey steel office building at corner of James and Main streets, building operations to be begun early in the fall.—Walter Stewart, architect, returned last week from Ottawa and reports that the plans for the new drill hall have been approved by the Department. The entire front on James street will be remodelled and an addition 130x238 feet erected.—R. O. Mackay has been granted permits for five brick houses on Burlington street. —James C. McMahon will build a two-storey brick house on Gibson ave.—The London Tool Co. have purchased about eight acres of land in East London and intend erecting a large factory.

OTTAWA, ONT. — The Exhibition Committee have appointed an architect to prepare plans for erection of new dairy building.—R. L. Borden has purchased a fine residential site on Laurier avenue east and intends erecting a handsome residence thereon.—F. Gourdeau, Deputy Minister of Marine and Fisheries, desires tenders by 5th inst. for furnishing steel plates and shapes required for the construction of a hopper dredge. Specifications from G. J. Desbarats at Sorel, Que. —The plans of W. E. Noffke, architect, have been accepted for new dairy building at Lansdowne park, to be 100x70 feet, one storey, cement blocks with imitation stone facings, cost $7,000.—An electric clock service is being installed in the Western Departmental Block and by next session the Parliament Buildings will be similarly equipped.—Tenders will likely be invited for a system of garbage disposal.—Under date of June 6, Irving B. Dudley, American Minister at Lima, Peru, transmits to Washington copies printed in English of proposals for the supply of earthenware and cast-iron drainage piping for the city of Callao, containing form of tender, conditions and bill of quantities. The copies of proposals were sent to the American legation by the water inspector with a view to their being brought to the attention of American contractors. Proposals must be sent sealed on or before October 5, 1905, to the secretary of the municipality of Callao. The printed proposals, containing all necessary information for American contractors, are on file in the Bureau of Statistics, Department of Commerce and Labor, Washington, D. C., where they may be inspected by interested parties.—J. W. Woods will this fall erect a branch factory in Hull.

WINNIPEG, MAN. — R. Rogers, Minister of Public Works, will receive tenders up to 3rd inst. for heating, plumbing and power plant for the Agricultural College buildings. Plans at office of S. Hooper, Parliament Buildings.—Tenders for furnishing gas engine pumping plant will be received up to 7th inst. by the Chairman of the Fire, Water and Light Committee. Plans on application to Col. H. N. Ruttan, City Engineer.—An addition will likely be built to the crematory, at an estimated cost of $4,500.—J. H. Agnew, Provincial Treasurer, will receive bids up to August 26th for purchase of $10,455, $25,000, and $100,682 4 per cent. debentures.—The T. Eaton Co. intend commencing work next month on a sixth storey to their departmental store, and next spring it is proposed to build two additional stories for factory purposes.—Cecil B. Smith, C. E., of Toronto, has been appointed by the City Council to submit a preliminary report on the various sources of water power available by the city.—James Chisholm, architect, is taking tenders up to 4th inst. for the erection of three storey brick block at Fort Francis for L. Christie. Herbert Matthews is taking tenders on two frame houses on Alexander avenue.—C. J. Brown, City Clerk, desires tenders by Monday, August 28, for supply of a producer gas plant of 2,500 continuous engine brake horse power, also for a 500 k.w. electric generator.—Tenders will be awarded this week for construction of a number of sewers, pavements and granolithic walks.—V. W. Horwood, architect, desires tenders by 6 p.m. of 10th inst. for all trades, including hot water heating, for residence on Kingsway, Crescentwood, for John Graham.—James Chisholm, architect, is asking for tenders up to 5th inst. for erection of four-storey brick warehouse for the W. J. Guest Fish Co.—The City Clerk desires tenders by 7th inst. for supply of a gas engine pumping plant of 9,000 imperial gallons capacity.—H. B. Pugh, architect, is

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taking tenders on a store and apartment building on Wardlow ave. and Pembina street for John R. Davies & Co.—The time for receiving tenders for waterworks gas engine for fire service plant has been extended to August 28th.

TORONTO, ONT. — The Bank of Toronto is about to erect two new branches on Yonge street, one near Albert street, the other near Bloor, at a total cost of $100,000.—F. B. Robins, real estate dealer, reports the sale of seven lots on Reid ave. to parties who intend to build residences.—The Public Library Board have drafted the conditions for plans for the new library building to be erected at corner of College and St. George streets. The first prize will be the execution of the work, second prize $350, third prize $250.—George A. Case acting for the chocolate and confectionery firm of Huyler & Co., New York and Buffalo, has acquired a long lease of the property at 130 and 132 Yonge street. The building will be remodelled and a new front put in.—The Board of Trustees of the Toronto Free Hospital for Consumptives have decided to erect an additional building at Weston and to instal a new heating plant for both the new and existing buildings. Plans for above work have been prepared by Beaumont Jarvis, architect, and tenders will be taken immediately; estimated cost, $20,000.—The City Engineer will advertise for tenders for pipes, hydrants and valves for the high pressure waterworks system.—The Masons of the Balmy Beach district have decided to build a new hall in the neighborhood of Queen street and Balsam ave. About $4,000 has been subscribed.—The Council have given notice of the intention

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to construct a sewerage system east of the Woodbine, at an estimated cost of $80,000.—Pending a decision definitely to adopt electric power for the operation of the first section of the Temiskaming and Northern Ontario Railway, the Government have instructed the Commission to proceed with the preparation of plans and specifications to that end. Particulars from Cecil B. Smith, C. E., 36 Toronto street.—The following roadways are to be undertaken at an early date: Asphalt, Parliament street, from King to Queen, $6,322, and rom Winchester to Wellesley $6,860; Clara street from Oak street to Orford ave, $959; macadam, Albert street, from Terauley to Chestnut, $2,122; Centre ave., from Armour street to Chestnut place, $4,326; Birtle ave., $2,391; Rusholme Road, from Dundas street to St. Ann's road, $3,762; cedar block, Lansdowne ave., from College to Dundas, $1,202; St. Claren's ave., College to Dundas, $1,436. An 18-inch tile pipe sewer will be constructed on Oriole road, from St. Clair to Clinton ave., at at cost of $4,700.—Building permits have been granted as follows: E. Elliott, pair two-storey brick dwellings, east side Beatrice street, near Arthur, cost $5,000; W. E. Hunter, four two-storey brick dwellings, 14 to 20 Belmont street, cost $6,000; W. G. Gooderham, two-storey brick dwelling, 197 Bleecker street, cost $3,000; Trustees St. Paul's Methodist church, alterations to Sunday school, south side Avenue Place, cost $20,000; F. H. Herbert, 2½-storey brick and cut stone dwelling and stable, north-west corner Avenue road and Heath street, cost $12,000; Imperial Bank, two-storey brick and stone bank and office, corner Yonge and Bloor streets, cost $16,500; E. Baynes, pair two-storey and attic brick and stone dwellings, north side Hepbourne street, near Concord ave., cost $3,500; Alex. Mills, two-storey brick residence, east side Nanton crescent, near Elm ave., cost $5,000; A. B. Coleman, two pair two-storey and attic brick and stone dwellings, Parliament street, near Winchester, cost $8,000; Toronto House of Industry, one-storey brick lodging house, south side Elm street, near Elizabeth, cost $10,000; Dr. J. S. Island, two-storey stone and brick dwelling, north-west corner Ontario and Carlton streets, cost $6,000; Kidney & McKelvey, pair two-storey and attic brick and stone dwellings, west side Huron street, cost

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$5,000; H. Gillespie, two pair 2½ storey brick and stone dwellings, east side Ossington ave., near Bloor street, cost $11,000; H. H. Brown, three two-storey brick and stone dwellings, north side Perth ave., near Bloor, cost $3,600; H. Watt, two-storey brick and stone dwelling, Rusholme road, cost $3,000; Nudah Levi, two-storey and attic stone and brick dwelling, 104 Argyle street, cost $3,000; Thos. Barton, two-storey brick dwelling, west side Westmoreland ave., near Northumberland ave., cost $5,400; C. Bulley, pair two-storey and attic stone and brick dwellings, corner Withrow and Broadview ave., cost $5,600; Fred Ford, pair two-storey brick dwellings, 116 and 118 Carlaw ave., cost $3,200; Trinity Methodist church, 2½-storey brick and stone parsonage, south side Lowther ave., near Brunswick, cost $4,500.—It is reported that D. D. Mann is negotiating for some land near Victoria Park with the object of erecting a large residence.—Fred Goulding is preparing to erect three dwellings on Belloil street, Davisville.—The Board of Control will receive tenders up to September 19th for the installation of two 5,000,000 gallon turbine pumps and steam pumps, also for the supply of hydrants, valves and cast iron pipe.

CONTRACTS AWARDED.

MEDICINE HAT, N.W.T.—Erection of city hall: Oakes & Everard, contractors.

PARIS, ONT.—Warehouse for Penman Manufacturing Co.: John Carnie, contractor.

WETASKIWIN, N.W.T.—Erection of public school: Hughes & Anderson, contractors.

SOURIS, P. E. I.—New post office: Bernard Creamer, successful tenderer, about $20,000.

HALIFAX, N.S.—Additions to Exhibition buildings: J. Innis & Son, contractors, $16,988.

STRATFORD, ONT.—Construction of McGrath drain: Peter Nicholson, successful tenderer, $5,350.

STRATHCONA, N.W.T.—Flour mill for Alberta Milling Co.: Fraser Bros., this place, contractors.

ROSSLAND, B.C.—Brick dwelling for P. Burns & Co.: W. G. Gillett, Nelson, successful tenderer.

NELSON, B. C.—Electric light plant for municipality: Allis-Chalmers-Bullock, Montreal, successful tenderers.

SHERBROOKE, QUE. — Catholic church in East Sherbrooke: Sherbrooke Construction Co., contractors, about $63,000.

FAIRVIEW, B.C.—Model school: J. McLuckie, Vancouver, general contractor; Wilband & Morrow, heating and ventilation.

LONDON, ONT.—Vitrified brick pavement on Talbot street: John Geary, successful tenderer, $11,995. Masillon brick will be used.

THOROLD, ONT.—Residence for W. J. Macartney on Pine street: Masonry, J. Walsh, Merritton; carpentry, R. Thompson, Merriton.

ST. BONIFACE, MAN.—Mill, elevator and storehouses for the Western Flour Mills Co.: James Stewart & Co., Chicago, successful tenderers.

FORT ROUGE, MAN.—H. Rugh, architect, Winnipeg, has awarded contracts for a two-storey brick store and apartment house for J. D. Dabis & Co.

TORONTO, ONT.—Contracts for Kew Beach fire hall were awarded as follows: Electric wiring, W. J. McGuire, $125; plumbing, J. E. Gray, $720; steam heating, Mashinter & Co., $1,149.

VANCOUVER, B. C. — Building for the Temple Realty Syndicate; Grant & Henderson, architects: Adams & McDonald, contractors; three stories, brick and stone, cost $25,000.

PHOENIX, MAN.—Elliot, Woodard & Logue, contractors, have been awarded the contract for clearing the balance of right of way for the pole line of the West Kootenay Light & Power Co., at estimated cost of $12,000.

CORNWALL, ONT. — Contract for River Aux Raisin drainage work in Townships of Osnabruck and Cornwall has been let to J. T. Gagnon and Barrett Bros., of Ottawa. The work is to be completed by January 1st, 1907.

KINGSTON, ONT. — Two-room addition to Collegiate Institute: Masonry, J. W. Litton; carpentry, Hunter & Harold, plumbing and tinsmithing McKelvey & Birch; painting, W. J. Savage; mill work, Robinson & Copeley.

MILTON, ONT.—K. L. Aitken, C.E., Toronto, acting for the town, has accepted the following tenders for an electric light plant: Generators, Allis-Chalmers-Bullock; boilers, smoke stack and engine, Waterous Co., Brantford.

NIAGARA FALLS, ONT.—The Water Commissioners last week awarded the contracts to F. Bell & Bro. for 1,000 feet of 6-inch pipe at 16½ cents per foot and to Peter Lorenzo for 9,000 feet of 4-inch and 1,000 feet of 2-inch at 10 cents per foot.

QUEBEC, QUE.—E. T. Dussault & Lemeiux have been awarded the contract by the Dominion Government for completing the work of extending the Quebec breakwater connection with the Louise docks by a further extension of 1,300 feet.

OWEN SOUND, ONT.—Bridge at Poulett street: Steel superstructure, Hamilton Bridge Works Co., $4,610; abutments by day labor at estimated cost of $6,450.—Triple combination fire wagon for the town: C. N. Perkins Manufacturing

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GUELPH, ONT.—McPhee & Mahoney, architects, have awarded the following contracts for erection of red pressed brick residence for H. B. Callander: Stone and brick work, Shaw & Dunbar; carpenter work, H. A. Clemens & Co.; plastering, Mahoney Bros.; tinsmithing, H. Occomore; painting, H. A. Pass; electric wiring, etc., B. King.

WINNIPEG, MAN.—Residence for A. G. Pearce, Crescentwood: Claydon Bros., contractors.—Residence for D. M. Duncan: Architect, H. B. Rugh; contractor, W. B. Robinson.—Erection of depot and office building for the Canadian Northern Railway: Masonry and carpenter work, W. Brown; heating, plumbing, etc., C. & W. Plaxton.—Waterworks hydrants: R. D. Wood & Co., successful tenderers, $150 each f.o.b. Winnipeg.—Supply of sewer pipe and specials: W. F. Lee, successful tenderer, $25,472.—The contract for extension of Selkirk branch of the C.P.R. from Winnipeg to Gimli has been let to J. D. McArthur.

OTTAWA, ONT.—Pipe for Brewery Creek waterworks improvements: Ottawa Fireproof Supply Co., successful tenderers, $32.50 per ton for cast iron and $48 for steel. Other tenderers: Denis Murphy, Halifax, $40 and $50; John T. Farmer.

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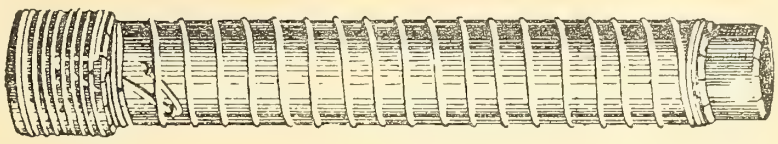

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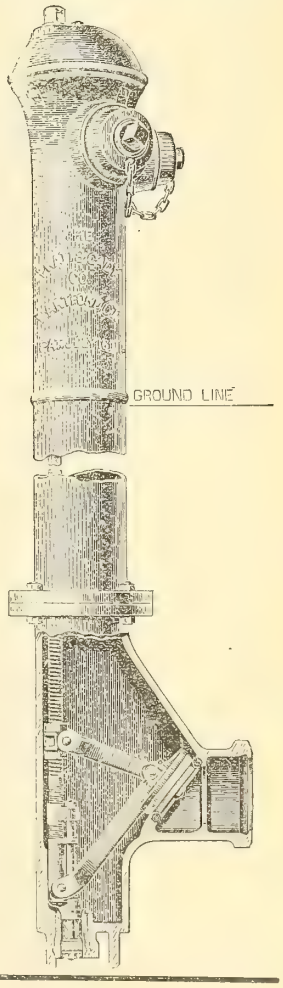

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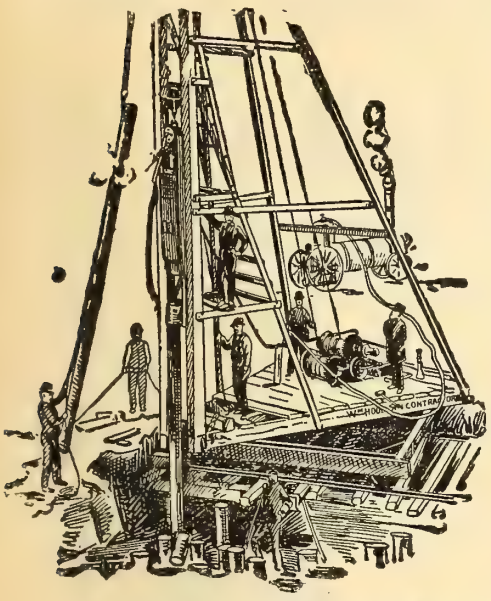

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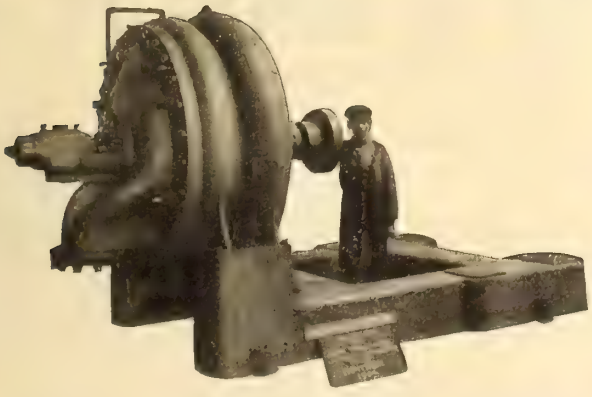

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OTTAWA, ONT.—For pavement on Rideau street tenders were received as follows: Barber Asphalt Co., $22,784.14; Canada Asphalt Paving Co., Montreal, $21,775.—The following tenders were re-

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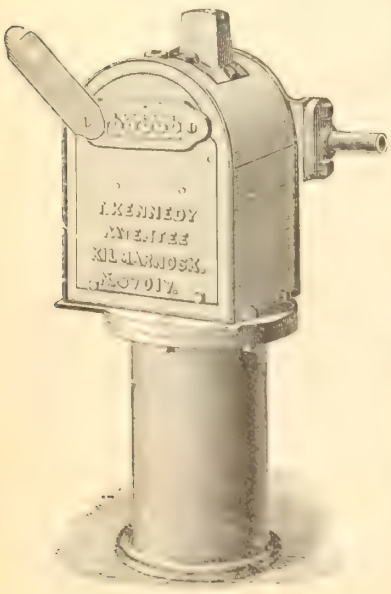

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eived for a travelling crane for the pumping station: Chaudiere Foundry & Machine Co., $2,950; Smart-Turner Machine Co., Hamilton, $2,868; Whitney Foundry Co., Harvey, Ill., $3,810; E. A. Wallberg, Montreal, $3,090.

FIRES.

Warehouses of Ames-Holden Co. and stables of Knickerbocker Ice Co. at foot of Jarvis street, Toronto, almost totally destroyed, loss $75,000.—Cheese factory at Martintown, Ont., owned by Mr. May.—Anglican church at Hopewell Hill, N.B., totally destroyed.—Two elevators and store house at Shelburne, Ont., owned by E. Bowick; loss $30,000.—A disastrous fire occurred at Fernie, B.C., last week, destroying the Northern Hotel, Kenny & McLeod's tailor shop, Shepard & Elliott's store, Carruthers' tailor shop and other places; loss $50,000.—Windsor Hotel at Mimico, Ont., damaged to extent of $10,000.—Winnipeg Bag Works premises, on Alexander ave., total loss $15,000.—Saw mill of the Saskatchewan Lumber Company at Crooked River near Melfort, N.W.T., totally destroyed.

NEW COMPANIES.

Monarch Supply Company, Limited, Toronto, incorporated, capital $6,000, to construct and operate works for production of electricity. Directors, J. S. Lovell, Wm. Bayne, and others.

Chester Construction Company, Limited, Toronto, incorporated, capital $40,000. Directors, Duncan Donald, G. W. Mason and H. S. White.

Toronto Launch & Engine Company, Limited, Toronto, incorporated, capital $40,000, to manufacture steam and gasoline engines, etc. Directors, J. G. Robinson, and others.

Canadian Towing & Wrecking Company, Limited, Port Arthur, Ont., incorporated, capital $100,000, to carry on business as a general dredging, towing and wrecking company. Directors, J. T. Horne, James Murphy, C. M. Bowman, and others.

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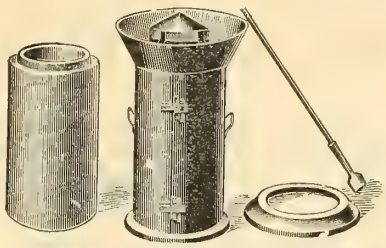

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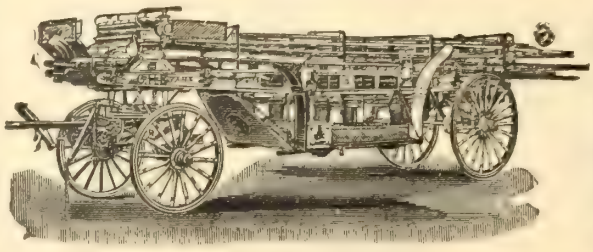

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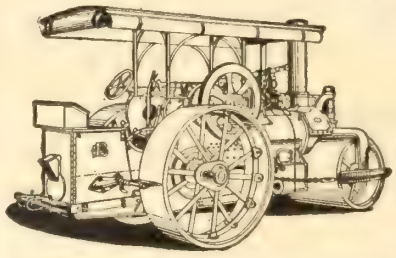

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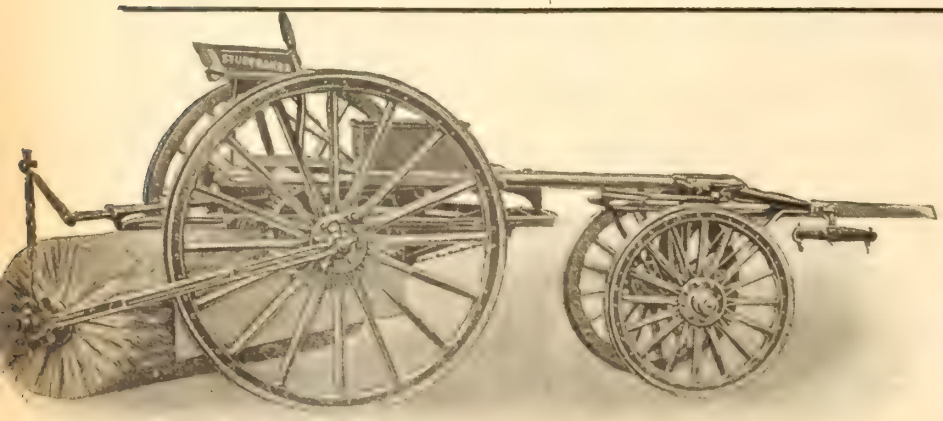

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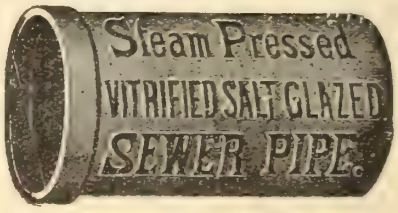

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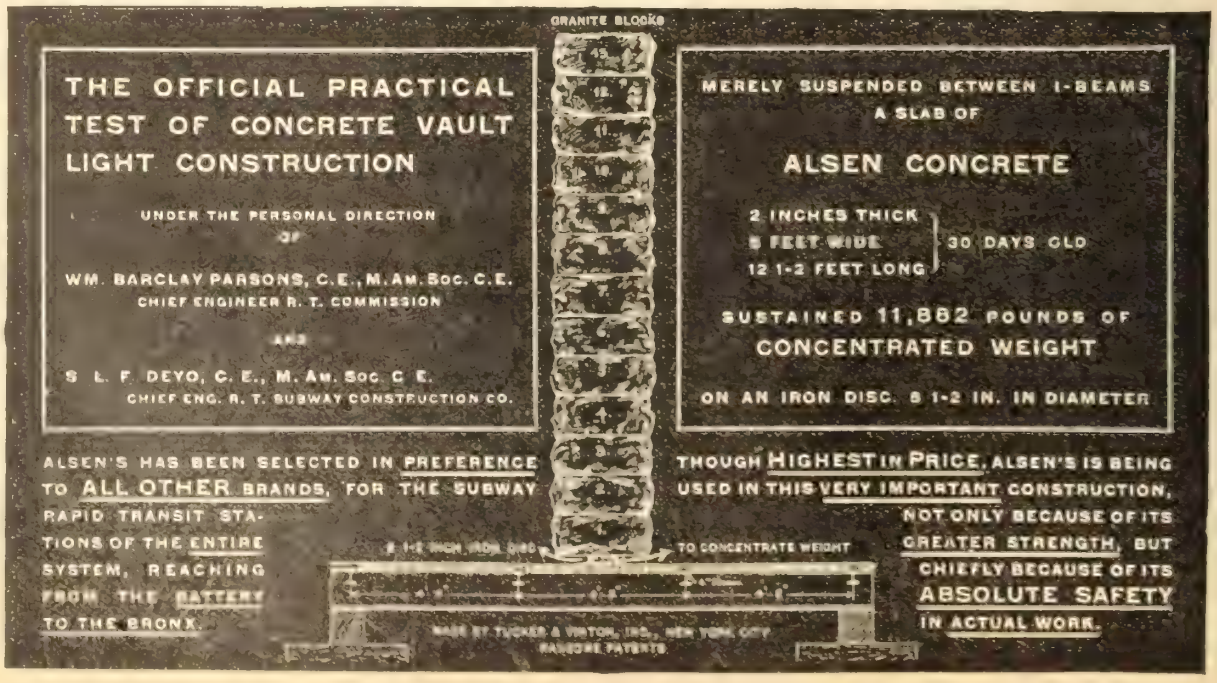

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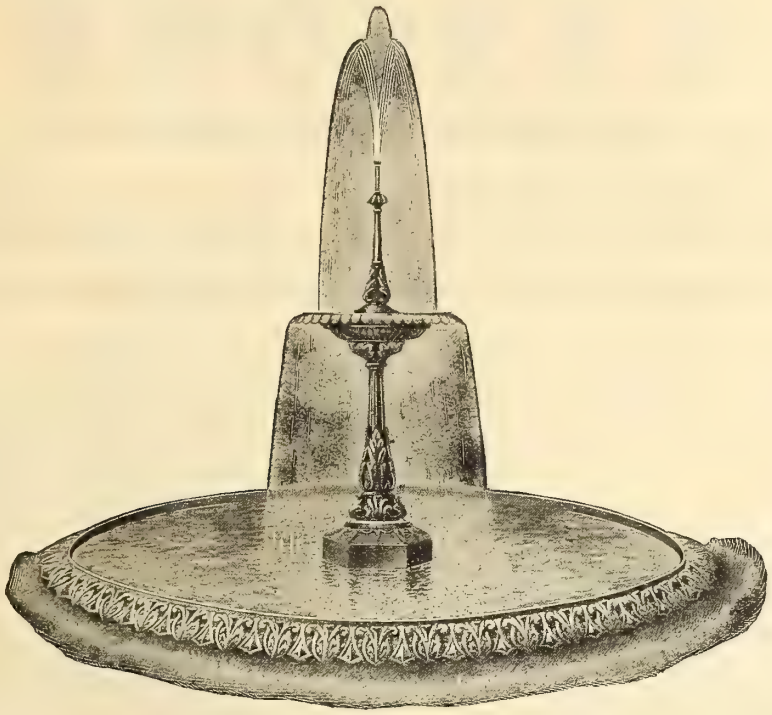

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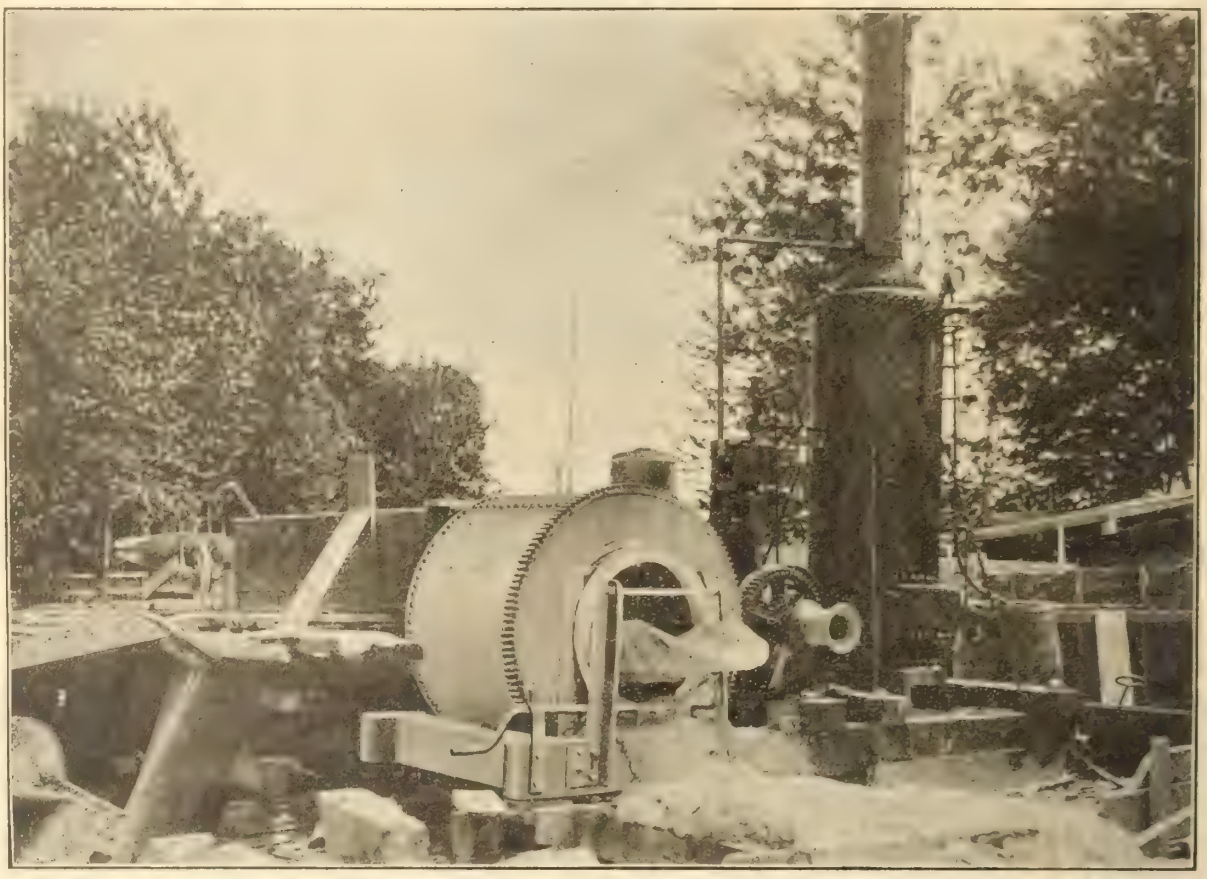

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VOL. 16. TORONTO, MONTREAL — AUGUST 9, 1905 — WINNIPEG, VANCOUVER No. 23

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TENDERS WANTED

Office City of Guelph Light & Power Department,
Guelph, Ontario, July 31st, 1905.

Sealed proposals will be received at above office until 12 o'clock noon, on AUGUST 22ND, for the erection of three buildings and apparatus, consisting of Retorts, Exhausters, Condensers, Scrubbers, Meter, Governor Holder, Water Gas Apparatus, etc.

Plans and specifications may be seen at office as above, and at the office of the James Gardiner Jr., Co., 202 Lewis Block, Pittsburg, Pa.

JOHN YULE,
Manager.

The Corporation of the City of Regina

REGINA CITY HALL COMPETITION

Architects are invited to submit competitive designs for the new City Hall proposed to be erected in this City.

The cost of the building, exclusive of furnishing, not to exceed $60,000.

CONDITIONS.

Designs to be delivered on or before 5 o'clock p. m. of the 1ST DAY OF SEPTEMBER, 1905, at the City Clerk's office, marked City Hall Competition. No name or other descriptive mark to appear on drawings but each competitor is requested to place a motto on his plan and enclose it in a sealed envelope containing his name, which envelope will not be opened until after the award is made, when the designs of unsuccessful competitors will be returned.

The Council does not bind itself to accept any of the designs submitted.

The architect (if any) whose design is accepted will be requested to provide all necessary drawings, etc., and will be employed to carry out the work, and he will be paid at the rate of 5% on the total outlay.

The style of architecture, general arrangement of plan and materials to be employed is left entirely to competitors.

For particulars apply to the undersigned.

J. KELSO HUNTER,
Secretary-Treasurer.

Regina, N.W.T., 14th July, 1905.

TENDERS WANTED

The undersigned will receive tenders up to 12 o'clock, noon, of FRIDAY, THE 11TH DAY OF AUGUST, 1905, for the construction of about 11,000 square feet of Granolithic Pavement, besides crossings, in the Village of Exeter, according to specifications which may be seen at the office of the undersigned.

The lowest or any tender not necessarily accepted.

J. SENIOR,
Clerk of Village of Exeter.

CITY OF MOOSE JAW, N.W.T., CANADA

Sealed tenders will be received by the City of Moose Jaw up to MONDAY, THE 21ST AUGUST, 1905, at five o'clock p. m., for the following:

200 Horse Power Boiler.
350 Horse Power Engine, Condenser, Feed Pump and Heater.
225 K. W. Alternating Current Generator, Exciter and Switchboard.

Specifications can be seen at the office of the Secretary-Treasurer, who will receive tenders.

Each tender must be accompanied by an accepted cheque, draft or cash deposit for the sum of $500 which will be subject to forfeiture in case of failure on the part of the contractor to enter into a written contract.

The city reserves the right to reject any or all tenders.

JOHN D. SIMPSON,
Secretary-Treasurer.

Moose Jaw, N. W. T., 25th July, 1905.

CITY OF PRINCE ALBERT SASKATCHEWAN

WATER WORKS AND SEWERAGE WORKS

Sealed tenders will be received by the Secretary-Treasurer of the City of Prince Albert, until 8 p. m, on WEDNESDAY, AUGUST 16TH, 1905, for the following:

Contract "A" Labor, Pipelaying on Water Works and Sewers.
Contract "B" Pump House.
" "C" Water Tower Standpipe.
" "D" Pipes and Specials.
" "E" Fire Hydrants and Valves.
" "F" Sewer Pipes and Junctions.
" "G" Pumping Machinery
" "H" Two Return Tubular Boilers.
" "I" Intake and Wells.
" "J" Sedimentation Basins.

Plans and specifications may be seen at the office of the Chief Engineer, 103 Bay Street, Toronto, or at the City Hall, Prince Albert, on and after August 1st, 1905.

No tender necessarily accepted.

WM. COWAN, Esq.,
Mayor,
Prince Albert, N. W. T.

C. O. DAVIDSON, Esq.,
Secretary Treasurer,
Prince Albert, N. W. T.

WILLIS CHIPMAN,
Chief Engineer,
103 Bay Street,
Toronto, Ont.

City of Edmonton Waterworks

To Engine Builders

Tenders are invited for an additional Pumping Engine. Particulars to be had of J. H. Hargreaves, City Engineer, Edmonton.

Tenders addressed "Commissioner of Public Works, Edmonton," to be delivered not later than TUESDAY, AUGUST 15TH PROXIMO.

G. J. KINNAIRD,
Secretary-Treasurer.

Edmonton, Alta., July 28, 1905.

CITY OF WINNIPEG FIRE SERVICE WATER WORKS

Sealed tenders addressed to Ald. J. C Gibson, Chairman of the Fire, Water and Light Committee, for furnishing Gas Engine Pumping Plant of a capacity of 9,000 imperial gallons per minute against pressure of 300 pounds per square inch, will be received at the office of the undersigned up to 3.30 p.m. on

Monday, August 28, 1905.

Specifications and forms of tender may be obtained upon application at the office of Col. H. N. Ruttan, City Engineer, Winnipeg, Canada.

Each tender must be accompanied by an accepted cheque, draft or cash deposit for the sum of $5,000.00, which will be subject to forfeiture in case of failure on the part of the contractor to enter into a written contract with approved sureties if called upon to do so

The city reserves the right to reject any or all tenders or to accept any bid which appears advantageous to the City of Winnipeg.

C. J. BROWN,
City Clerk's Office, City Clerk.
Winnipeg, June 27th, 1905.

City of Winnipeg

Tenders for Gas Producer Plant and Electric Generating Plant

Separate sealed tenders addressed to Ald. J. C. Gibson, Chairman Fire, Water and Light Committee, for supply of Producer Gas Plant of capacity of 2,500 continuous Engine Brake Horse Power; also 500 Kilowatt Electric Generating Plant, will be received at the office of the undersigned up to 3.30 p m. on

Monday, August 28, 1905.

Specifications and forms of tenders may be obtained upon application to H. N. Ruttan, City Engineer, Winnipeg, Canada.

Each tender must be accompanied by an accepted cheque, draft or cash deposit for the sum called for in the form of tender supplied, which will be subject to forfeiture in case of failure on the part of the contractor to enter into a written contract with approved sureties if called upon to do so.

The city reserves the right to reject any or all tenders, or to accept any bid which appears advantageous to the City of Winnipeg

C. J. BROWN,
City Clerk's Office, City Clerk.
Winnipeg, July 26, 1905.

[FOR ADDITIONAL ADVERTISEMENTS FOR TENDERS SEE NEXT PAGE.]

TENDERS

[illegible] signed up to 1 o'clock p.m., AUGUST 14TH, 1905. [illegible] and specifications can be seen at office of Clerk.

Lowest or any tender not necessarily accepted.

P. A. MALCOMSON,
Clerk Village of Lucknow.

Dated this [illegible] August [illegible]

TENDERS WANTED

The Harbor Commissioners of Montreal invite tenders for the construction of a Foot Passenger Bridge at the Victoria Pier, Montreal, consisting of about 109 lineal feet of Steel and 575 lineal feet of Timber Bridge, with Masonry Foundations. Plans and specifications may be seen at the office of the Chief Engineer, Mr. John Kennedy, Harbor Offices, 57 Common Street, Montreal.

Tenders are to be sealed, endorsed "Tender for Bridge," addressed to the undersigned and delivered by 12 o'clock, noon, on 21ST AUGUST, 1905.

DAVID SEATH,
Secretary.

57 Common Street.
Montreal, 5th August, 1905.

VILLAGE OF CREEMORE
PROVINCE OF ONTARIO

TENDERS FOR
WOODEN TANK

Tenders will be received by the undersigned up to 8 p.m. on MONDAY, AUGUST 14TH, 1905, for providing and erecting, complete with concrete foundation, a Wooden Tank, 30 feet in diameter and 20 feet high, in the vicinity of the Village of Creemore, to be used in connection with the water works system of that Corporation.

Further information and forms of tender may be obtained at the office of JOHN GALT, C.E. & M.E., Chief Engineer, Toronto.

Tenders must be accompanied by detail plans and specifications of the tank and foundation which it is intended to supply.

A certified bank cheque for $200, payable to the Treasurer of the above Corporation, must accompany each tender.

The lowest or any tender not necessarily accepted.

JOHN MACKAY,
Reeve of Creemore, Ont.

CONTRACTS OPEN.

MELITA, MAN.—An addition will be built to the present school building.

JANEVILLE, ONT.—W. R. Cummings intends erecting a large warehouse.

LUNENBURG, N.S.—John B. Young intends establishing a shipbuilding plant.

GRISWOLD, MAN.—The Griswold Milling Co. will erect an elevator here.

PEMBINA, MAN.—The erection of a town hall, to cost $5,000, is under consideration.

ST. JOHN, N.B.—Plans have been completed for new warehouse to be built by the city.

CARLYLE, N. W. T.—Tenders will immediately be invited for erection of a fire hall.

CLAYOQUOT, B. C.—The Seattle Manufacturing & Lumber Co. will build a saw mill here.

MYRTLE, MAN.—James Stocks will receive tenders up to 12th inst. for erection of school.

PERTH, ONT.—A by-law has been passed in Council to raise $20,000 for sewer extension.

NORTH VANCOUVER, B. C.—The Council have decided to borrow $25,000 for road improvements.

LONDON, ONT.—H. C. McBride, architect, has just taken tenders on addition to Hobbs glass works.

ST. BONIFACE, MAN. — Tenders for construction of sewers and street grading will be received by T. Bertrand up to 14th inst.

CANAAN, QUE.—Robert Loughery contemplates building a saw mill on the river.

BERLIN, ONT.—The Forwell Foundry Co. have been given a site in Woodside Park on which to build.

VICTORIA HARBOR, ONT.—The Canadian Pacific Railway Co. intend erecting large elevators here.

WINGHAM, ONT.—It is stated that the Canada Furniture Co. will build a large addition to their factory.

ST. CHARLES, N.W.T.—Frank Ness will receive tenders up to 11th inst. for erection of a four roomed school.

GODERICH, ONT.—It is reported that the C. P. R. are considering the erection of a large summer hotel here.

GLENWOOD, ONT.—The Trustee Board of the Methodist church intend remodelling and enlarging the church.

GALT, ONT.—George Bernhardt intends building an addition to the Iroquois Hotel and installing an elevator.

WESTFORT, ONT.—H. Parkinson, this place, is taking tenders on erection of school house in S.S. No. 3, Paipoonge.

SELKIRK, MAN.—It is expected that the Dominion Government will select a site shortly for the new post office.

PORT ARTHUR, ONT.—The Baptist church congregation have decided to build a brick church, at cost of $20,000.

EDMONTON, N. W. T.—A site has been purchased for the new hospital and the work will be proceeded with at once.

GRAVENHURST, ONT.—Tenders for a parsonage for St. James church will be received by R. K. Johns up to 11th inst.

SHOAL LAKE, MAN.—After receiving tenders for new school, it has been decided to postpone the work until next spring.

PARRY SOUND, ONT.—Tenders will be received by E. E. Armstrong up to 14th inst. for laying about 3,600 feet of sewer.

MOOSOMIN, N.W.T.—T. H. Wiggins, C.E., of Regina, has prepared rough plans for a general drainage system for the village.

RED DEER, N.W.T.—Hall, McNab & Company, of Winnipeg, are negotiating for the erection of a flour mill and elevator here.

DAVENPORT, ONT. York Township Council will issue $10,500 debentures for erection of school house in section No. 13.

TRENTON, ONT.—It is reported that the Rathbun Co., of Deseronto, have acquired the old Gilmour saw mill and will remodel it.

HAILEYBURY, ONT.—Forty acres have been purchased for the new woodenware establishment of which Mr. Davidson is the promoter.

DUNDAS, ONT.—W. J. Dickson will shortly build a residence on Mountain street.—J. W. Lawrason has purchased a lot on which to build.

ST. MARTINS, N.B.—H. H. Mott, architect, St. John, has prepared plans for a building, 70x40 feet, to be erected by J. and J. S. Titus.

HARTNEY, MAN.—By-laws are to be voted on this week to borrow $7,000 for erection of town and fire hall and $3,000 for fire protection.

NAPANEE, ONT.—W. A. Grange, Town Clerk, will receive bids up to September 1st for purchase of $35,000 4 per cent. electric light plant debentures.

COLCHESTER, ONT.—Rev. T. F. Whealen desires tenders by 15th inst. for construction of cement wall 375 feet long on Lake Erie beach.

ST. MARYS, ONT.—A by-law to raise $15,000 for extension of water works and electric light plants was carried here on Monday last.

BRANDON, MAN.—D. A. Hooper has purchased a lot on corner of Tenth street and Lorne ave. on which he will erect a brick and stone building.

FREDERICTON, N.B.—The City Council have decided to engage F. A. Barbour, C.E., of Boston, to report on necessary waterworks improvements.—C. H. LaBillois, Commissioner of Public Works, is taking tenders this week for rebuilding Harvey Hill bridge, in Restigouche county.

KENORA, ONT. — T. Pringle & Son, engineers, Montreal, estimate that the cost of developing 4,500 h. p. of electric power for use by the town, would be $86,905.

ST. JOHNS, QUE. — The city will likely take steps to provide a more satisfactory water supply for the Singer Manufacturing Company, at a probable cost of $20,000.

WINCHESTER, ONT. — Tenders for construction of portion of Lough drain in township of Osgoode will be received by Dunn & Fullerton, engineers, up to 12th inst.

PETEWAWA, ONT.—It is understood that the Militia Department, Ottawa, have decided to locate the training camp here and will invite tenders for buildings at an early date.

ORILLIA, ONT.—New plans have been completed by Croker & Hoy, architects, for the Y. M. C. A. building, and tenders, addressed to W. S. Frost, Chairman of Committee, will be received up to August 15th.

WHITBY, ONT. — The Keystone Sugar Co. have bought the harbor docks, warehouses and land of the Whitby Harbor Co. as a site for proposed sugar factory, which will cost nearly half a million dollars.

MOOSE JAW, N.W.T.—The Moose Jaw Hardware Co. intend erecting a new building.—J. D. Simpson, Secretary-Treasurer, will receive tenders up to 14th inst. for construction of a concrete sedimentation basin.

BANFF, N. W. T. — P. G. Keyes, Secretary Department of Interior, Ottawa, will receive tenders up to August 31st, for construction of a water works and sewerage system for this town. Plans by John Galt, C. E., Toronto.

BELLEVILLE, ONT.—The Lehigh Portland Cement Company, of Allentown, Penn, have purchased 10,000 acres of land in Thurlow township and intend establishing a cement plant. The work will be in charge of F. L. Fiske, chief engineer of the company.

BEAR COVE, N.S. — The Department of Public Works, Ottawa, will receive tenders up to 15th inst. for construction of breakwater here. Plans at offices of E. G. Millidge, Antigonish, C. E. W. Dodwell, Halifax, and on application to the Postmaster here.

OWEN SOUND, ONT.—The Council will be asked to provide $10,000 for building an addition to the Collegiate Institute.—Willis Chipman, C.E., Toronto, has been engaged to report on waterworks improvement.

SUMAS, B.C.—The Sumas Development Co. have entered into an agreement with the Dominion Government to build a large dyke along the Fraser river, the work to be completed by May 1, 1907. The proposal is to build a dyke 4½ miles long and high enough to hold back the

THE HOLLAND LIGHT

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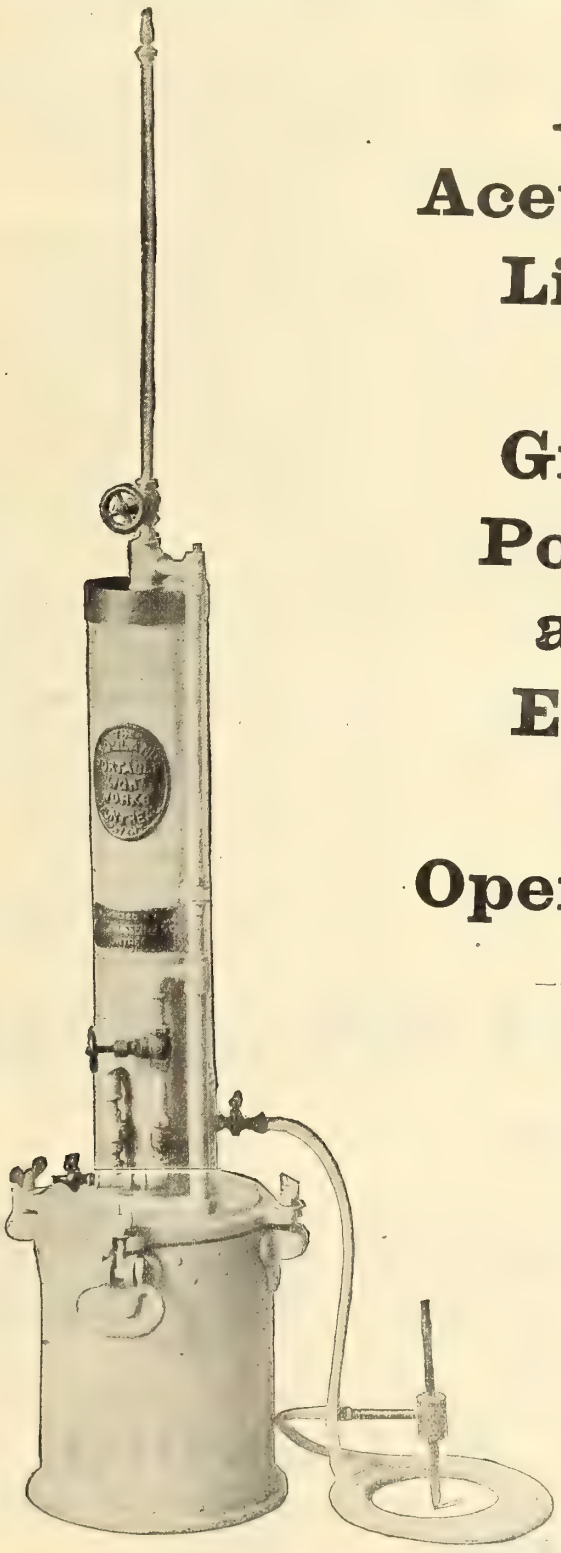
TWO LIGHTS FOR THE PRICE OF ONE



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The TORCH is supplied with a 15 foot hose connection, and will operate at same time as main burner.

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Railway, Mining and Contractors' Supplies

Montreal

water and to install a pumping plant to dispose of the water draining into the district; estimated cost, $200,000.

WELLAND, ONT.—The Plymouth Cordage Co. will commence the erection of their factory here as soon as the by-law is passed by the town. Electrical energy will be used. T. S. Hobbs, president of the Independent Cordage Co., Toronto, is interested.

CHILLIWACK, B.C. — An engineer will be engaged to report upon a waterworks system for this place. The Canadian Pipe Co, of Vancouver, have proposed that water be brought from the Elk river, a distance of about ten miles, and a reservoir built on the side of the Shannon mountain.

NIAGARA FALLS, ONT. — John Robinson, City Clerk, will receive tenders up to 14th inst. for construction of Section No. 17 of the sewerage system, about 2,089 feet of 10-inch and 982 feet of 9-inch sewers, including all rock excavation and appurtenances.

CHATHAM, ONT.—The Chatham, Wallaceburg & Lake Erie Railway Co. have agreed to rebuild the Aberdeen bridge on Queen street at Indian Creek. —O'Keefe & Drew and F. B. Steven, grain buyers, have amalgamated and the new concern will erect several elevators.

VANCOUVER, B.C.—Parr & Fee, architects, have prepared plans and taken tenders for three-storey building on Hastings street for H. J. Franklin.—A. McEvoy, City Clerk, will receive tenders up to August 14th for erection of 350 arc lamps for street lighting.—The City Council will shortly have debentures for sale.

GLACE BAY, N. S.—W. C. Harris, architect, has submitted plans for proposed new Central school building.—The contract will be awarded this week for erection of addition to Caledonia school. —Surveys are being made for pipe line in connection with water extension at Sand Lake.

TORONTO JUNCTION, ONT.—C. M. Cutts & Co. have had plans prepared for a block of stores to be erected at corner of Dundas street and Pacific ave. —The Canadian Sand & Lime Brick Co. have started work on the erection of their buildings on St. Clair ave.—J. S. Montgomery, of Toronto, is building four brick dwellings on Hook ave.—Dunn Bros. will commence work immediately on a large abattoir, the plans having been approved.

BRANTFORD, ONT. — The Composition Roofing Co. are having plans prepared for their proposed factory.—The following building permits were granted last week: O. E. Truesdale, brick residence, Chatham street, cost $2,200; Mrs. Scott, alterations to American Hotel, cost $2,000.—It is understood that the Bell Telephone Co. have selected a site for their new building but that work is not likely to be commenced until next spring.—The announcement has been made that a labor temple will be erected in this city.

OTTAWA, ONT. — The Finance Committee have arranged to place $326,000 of debentures on the market, chiefly for local improvements. Tenders will be received up to September 6th.—At a meeting of the Dominion Cabinet on Friday last, plans of the Grand Trunk Pacific Railway from Portage la Prairie 275 miles westward were approved and tenders will be taken this month for any part or the whole of this section. Plans and specifications will be on view at the head office of the company here from August 8 to 28.

GUELPH, ONT.—Plans have been prepared for 12 new stations to be erected along the line of the Guelph and Goderich railway. Two will cost $40,000 each, three $8,000 each and seven $6,000 each. The locations are Guelph, Goderich, Elmira, Blyth, Milverton, Auburn, Linwood, Millbank, Monkton, Walliston and Weisenburg.—It is expected that the contract for the armory will be awarded within a few days.—John Newstead, Chairman Finance Committee, will receive tenders up to 21st inst. for purchase of $103,000 city debentures.—The Ontario Government are asking for tenders by 12th inst. for erection of a building for farm mechanics and for two cottages on the grounds of the Agricultural College. Plans at the Department of Public Works, Toronto.

MONTREAL, QUE.—Montreal and New York capitalists have decided to build a large summer hotel on Lake St. Louis next year, preliminary plans for which are now being prepared.—The Robert Simpson Co., of Toronto, have purchased a site on the south-east corner of St. Catherine and Peel streets on which they intend building a departmental store.—The Canadian Transfer Co. have purchased the premises occupied by them at 394 and 396 St. James street and may make alterations.—Permits have been granted as follows: Laframbaize, Gieunout, Cadient st., three dwellings, brick

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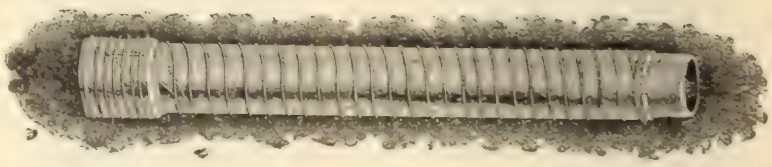

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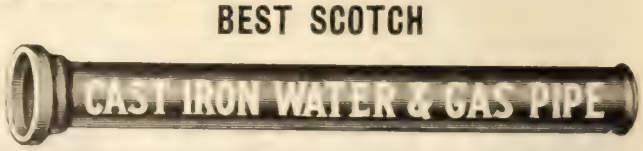

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MONTREAL

and wood, cost $4,500 ; Felis Cliomont, Frontenac st., three dwellings, brick and wood, $3,000 ; Geo. Slack, Guy st., two dwellings, brick and stone, $10,000 ; Han. Gerthiaurn, St. Urbin st., twelve dwellings, brick and stone, $30,000 ; J. S. Prince, Cadient st., two dwellings, brick and stone, $4,000 ; Dinelle Odilon, Hoare street, five dwellings, brick and wood, $3,000 ; Geo. Lanonette, St. Jacques st., Telford, three stores, brick and stone, $12,000 ; Walter Lowery & Co., William st., factory, brick and stone, $62,000 ; A. L. Picaud, alterations to store, St. Catharine st., brick and stone, $30,000 ; United Shoe Machinery Co., Lagauchetiere st., alterations, brick and stone, $20,000.—It is stated that the Montreal & Southern Counties Railway Company have obtained right of way over the Victoria bridge and will proceed at once with the construction of an electric railway between this city and Longueuil.

HAMILTON, ONT. — Munro & Mead, architects, have prepared plans for alterations to Brantford Club and for plumbing in the Court House, this city.—The Toronto, Hamilton & Buffalo Railway Co. are talking of building a new station here.—John S. Ainslie, of Comber, Ont., has purchased 400 feet of land on Arthur street as the site for a factory for the manufacture of articles of tinware. —The following building permits have been granted :—Wm. McGill, brick residence on Locke street, between Homewood and Aberdeen aves., cost $2,000 ; Fred Schram, brick residence, Minto ave., between Barton and Cannon streets, cost $2,800; Thomas Lovejoy, brick house on Wilson street, between Wentworth street and Madison avenue, cost $2,000; Harry Gummo, brick house on Minto avenue, between Barton and Cannon streets, cost $1,500; W. H. Northcott, two brick houses on Hess street, between Bold and Hunter streets, cost $3,000, also brick house on Homewood avenue, between Queen and Kent streets, cost $1,900 ; Wm. Hendrie, jr., concrete residence, at head of Aberdeen ave., cost $9,000 ; John Hughes, brick residence, corner Ferrie and Catherine streets.—Douglas & Gordon, clothing manufacturers, Stratford, were in the city recently looking for a site on which to build a factory.—Plans prepared by Finley & Spence, Montreal, for a modern office building for the Federal Life Assurance Company, have been accepted. It will be located on corner of James and Main streets.

TORONTO, ONT. — The Home Bank of Canada have purchased the property at north-east corner of Bathurst and Queen streets on which to erect a branch bank, to consist of a four-storey building, the upper stories to be fitted up as offices.—The Woodruff-Robins Co. have broken ground for a factory at Bloor street and northern division of the G.T.R. for works for Fairbanks-Morse Manufacturing Co. of Canada. J. A. Ellis is the architect.—The Sanital Co., of Buffalo, are looking for a site in this city on which to erect a laboratory.—F. H. Herbert, architect, desires tenders by Thursday, 10th inst., for the brick and carpenter work required in erection of a detached residence on South drive, Rosedale. — The Royce ave. Presbyterians have purchased a block of land on Perth ave. on which to erect a new church building.—The Board of Control have decided to extend the sheep section of the cattle market, at an approximate cost of $10,000.—Tenders will be received by the Board of Control up to 15th inst. for the construction of the following pavements : Asphalt on D'Arcy street, from McCaul to Spadina ave.; bitulithic on Frederick street, from King to Duke ; macadam on Terauley street, from Albert to College, and on Edward street, from Yonge to University ave., also for the construction of a number of concrete walks, concrete curbing and sewers.—The Department of Public Works, Ottawa, will call for tenders within a few days for erection of a new barracks near this city for the permanent corps, to be

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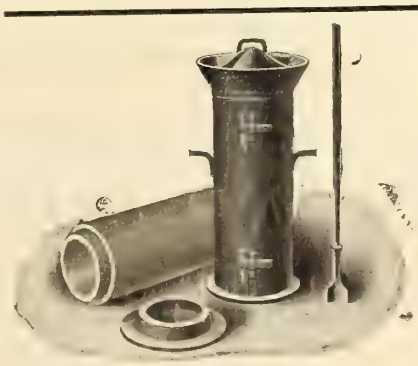

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Hamilton, - - Ontario

of brick and stone. Plans of buildings to be erected at the Agricultural College, Guelph, are on view at the Department of Public Works, this city. Tenders close 12th inst.—Building permits have been granted as follows: Polson Co., office building, Esplanade street, cost $7,000; Consumers Gas Co., retort house, Eastern ave., near the Don, cost $50,000.—Plans of water works and sewerage system to be constructed at Banff, N. W. T., may be seen at the office of John Galt, C. E., 23 Jordan Street, this city. Tenders close 31st inst.

WINNIPEG, MAN. — W. H. Matthews, architect, is this week taking tenders on four houses on Gertrude ave., Fort Rouge.—A company has been organized to establish a large meat factory in this city after the plans of Armour, of Chicago. The capital stock is to be $500,000.—The Red River Valley Brick Co. propose establishing a plant near the Exhibition grounds for the manufacture of brick and tile.—The Winnipeg theatre is to be rebuilt adjacent to Knox church, at a cost of $200,000.—John R. Davies, architect, is preparing plans for a brick store and apartment block to be erected on corner of Wardlow and Pembina streets, two stories, 25 foot frontage.—The Sons of England have purchased 25 acres of land adjoining the village of Gimli and propose erecting a home for convalescents. It is expected that building operations will be commenced next spring.—The City Engineer has been instructed to proceed with the construction of another test well, at an estimated cost of $40,000.—Tenders will be invited by the city for 8,000 feet of 2½ inch cotton rubber-lined fire hose, 3,000 of one inch 4-ply chemical hose and ten fire alarm boxes.—J. Woodman, architect, is taking tenders up to August 10th for erection of a stone business and apartment block, corner Jarvis and Derby streets.—A. & W. Melville, architects, have just completed plans for the new theatre to be built on Albert street by Burrows and Nash, 96 × 69 feet, cost $40,000.—President Mackenzie announces that the Canadian Northern depot and hotel will be erected on the site of the present depot and the old Manitoba hotel, Main street. Tenders will be received by the City Clerk up to August 22nd for erection of new civic building and police station, from plans by Samuel Hooper, architect; estimated cost, $200,000.--The Canadian Malting Company have purchased a site near McPhillips street, north of Notre Dame ave., and have had plans prepared for large building to be erected thereon. —The C. P. R. will at once construct the Rachael etreet subway, which will be 49 feet wide.

CONTRACTS AWARDED.

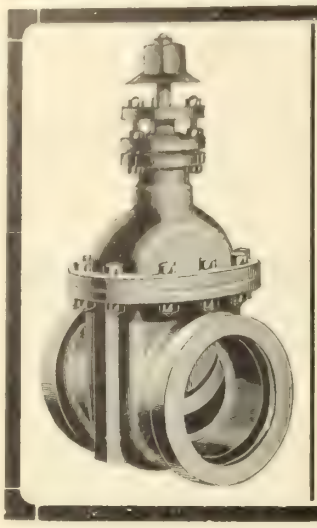
CARLYLE, N.W.T. — Methodist church: B. Barkwell, contractor, $2,993.

DESERONTO, ONT. — Heating St. Mark's Episcopal church: James Smart Manufacturing Co., Brockville, successful tenderers.

FERRYVILLE, N.B. — New Methodist church: Downey Bros., contractors, $1,-[illegible]

SYDNEY, N. S.—Erection of Masonic Hall: George Lowe, sr., of Halifax, contractor.

FRASERVILLE, QUE.—The town has ordered 6, 8, and 10 inch Foster pressure



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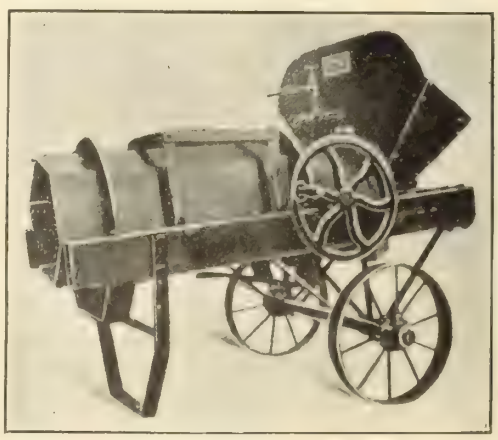

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regulators from the Canadian Fairbanks Co., Montreal.

ALLISTON, ONT. — Heating public school: James Smart Company, Brockville, successful tenderers.

BURGESSVILLE, ONT.—New school: Munro & Mead, Hamilton, architects; J. J. Fisher, Brantford, contractor.

HULL, QUE.—Excavation of waterworks trench: Lachance & Kennedy, successful tenderers, $2,782.50.

MOOSE JAW, N. W. T.—$55,000 school debentures: Wood, Gundy & Co., Toronto, successful tenderers.

NIAGARA FALLS, ONT.—New arc lighting system for the city: Canadian Westinghouse Co., successful tenderers.

OTTAWA, ONT.—New dairy building on Exhibition grounds: Ottawa Cement Block Co., successful tenderers, $6,987,50.

MITCHELL, ONT.—15,000 feet of cement sidewalks: Royal Artificial Stone Stone Co., Guelph, successful tenderers, 9 cents per square foot.

VALLEYFIELD, QUE. — Municipal electric plant: F. Sevigny & Co., successful tenderers, $12,200. Charles Brandeis, Montreal, consulting engineer.

ST. PETER'S HARBOR, P. E. I.—Construction of breakwater: L. B. Lachance and Patrick Kennedy, of Ottawa, successful tenderers, about $12,000.

DAUPHIN, MAN.—Supply of electric light plant: Canadian Westinghouse Co., Hamilton, successful tenderers.—Debentures have been sold to the Ontario Securities Co., Toronto, at 101 1/6.

NEEPAWA, MAN.—For $8,000 town debentures tenders were received as follows: J. W. Nay, Regina, $7,811.50; W. C. Brent, Toronto, $7,790; National Trust Co., Winnipeg, $7,863; Geo. A. Stimson & Co., Toronto, $8,000 (accepted).

WINNIPEG, MAN.—Dairy and science building, power house and principal's residence in connection with Agricultural College: George A. Mitchell, contractor.—Carriage factory and warehouse for the Boyce Carriage Works: A. & W. Melville, architects; Philip Burnett, brick and stone work; Samuel McComb, carpenter work; brick and stone, five stories and basement, cost $20,000.

NICOLA, B. C.—Sub-contracts for the building of the Nicola, Kamloops and Similkameen railway have been awarded as follows: Foss & Sutherland, four miles; J. G. McLean, seven miles; Ironside, Rannie & Campbell, four miles; Joseph Allen, four miles; J. B. Bright, ten miles; Cook, Quin & Bressay, ten miles. Cook, Quin & Bressay have been awarded the contract for the construction of eight miles between the thirty and forty mile stations.

TORONTO, ONT. — Tenders have been accepted as follows for erection of addition to Huron street school: Masonry, H. Lucas & Son, $6,523; carpentering, F. Armstrong, $7,236; plastering, E. Warren, $864; painting, J. Phinnemore, $930; plumbing, L. Legrow, $210: tinsmithing, A. Matthews, $622; roofing, A. J. Moody, $545; steel and structural iron work, Dominion Bridge Company, $1,665; heating and ventilating, W. F. Rutley, $3,100.—The Board of Control awarded

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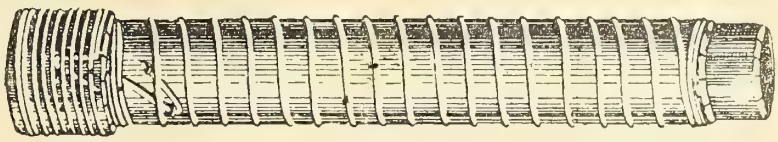

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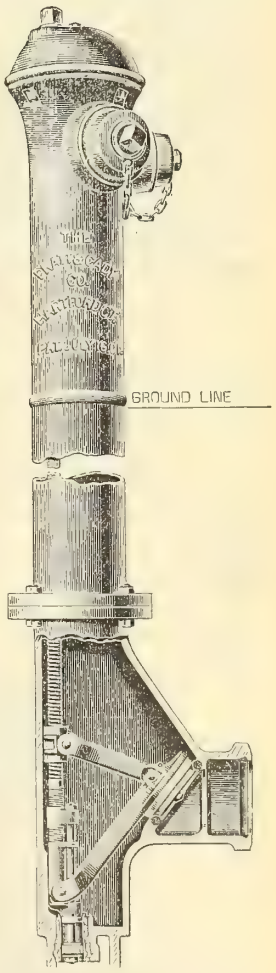

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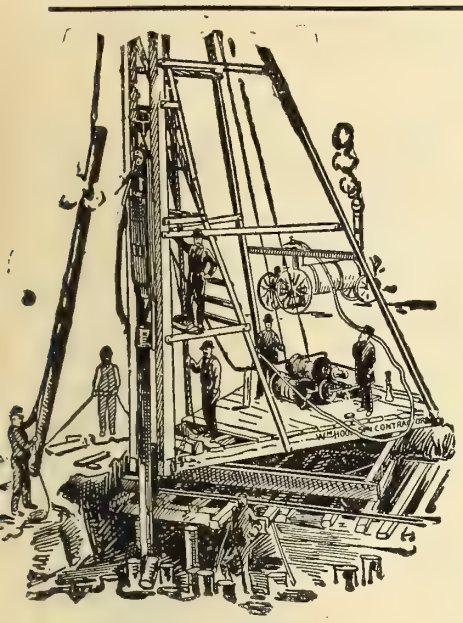

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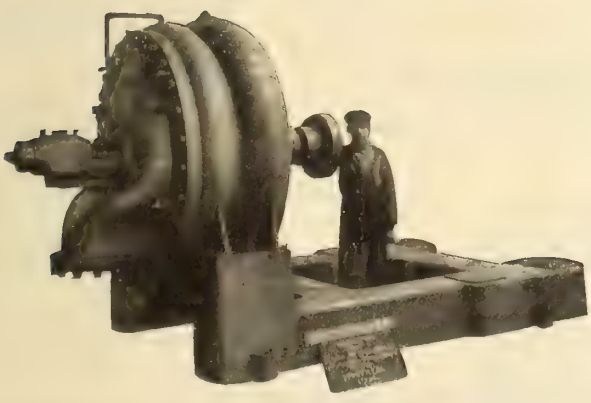

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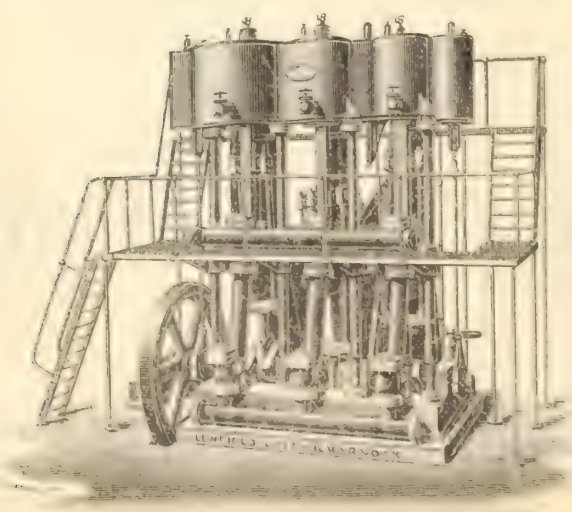

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THE CANADIAN MUNICIPAL UNION.

The Canadian Municipal Union, which convened in Winnipeg recently, elected the following officers:

President — Mayor Thos. Urquhart, Toronto.

Hon. Secretary-Treasurer — W. D. Lighthall, ex-Mayor of Westmount, Que.

Assistant Secretary—G. S. Wilson.

Vice-Presidents for Ontario — First, Mayor Ellis, Ottawa; second, Mayor Meek, St. Thomas; third, ex-Mayor Dyke, Fort William; fourth, Controller Ward, Toronto; fifth, Mayor Biggar, Hamilton.

Vice-Presidents for Quebec—First, Ald. Lapointe, Montreal; second, Mayor Fabien, St. Cunegonde; third, Mayor Duclos, Westmount; fourth, Mayor Lavalle, Maisonneuve; fifth, Mayor Leonard, Sherbrooke.

Vice-Presidents for New Brunswick—First, Mayor Palmer, Fredericton; second, Mayor Teed, St. Stephen.

Vice-Presidents for Nova Scotia—First, Mayor M. C. Ibreth, Halifax; second, Ald. J. Johnson, Halifax.

Vice-Presidents for Manitoba—First, Mayor Sharpe, Winnipeg; second Mayor, Fleming, Brandon; third, Mayor Brown, Portage la Prairie; fourth, Ald. J. G. Latimer, Winnipeg; fifth, Reeve Stinson, municipality of Wallace.

Vice-Presidents for Prince Edward Island—First, Mayor Kelly, Charlottetown; second, Councilor Patron.

Vice-Presidents for Saskatchewan—First, Mayor Hand, Regina; second, Mayor Holdsworth, Moosejaw.

Vice-Presidents for Alberta—First, Mayor Emerson, Calgary; second, Mayor Forster, Medecine Hat.

Vice-Presidents for British Columbia—First, Mayor Keary, New Westminster; second, Mayor Stevens, Kamloops.

NEW COMPANIES.

Loughborough Mining Company, Limited, Sydenham, Ont., incorporated, capital $10,000. Directors, M. F. Westover, Edward Clark, D. M. Barton and A. H. Jackson, all of Schnectady, N. Y.

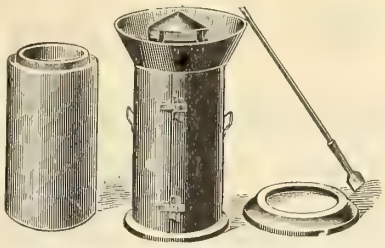
McLennan Lumber Company, Limited, Montreal, incorporated, capital $100,000, to carry on a general lumber business.

Wallingford Bros., Limited, Ottawa, incorporated, capital $45,000, to conduct mining operations, coustruct dams, flumes, etc. Edward Wallingford, Ottawa, Hon. N. A. Belport, K. C., and others.

Steel Concrete Company, Limited, Montreal, incorporated, capital $200,000, to carry on business as engineers and general contractors. E. A. Wallberg and W. F. Boggis, of Montreal, Harold Fisher and John Murphy, of Ottawa, and others.

Ontario Transmission Company, Limited, Niagara Falls, Ont., incorporated, capital $1,000,000, to construct works for the generation and distribution of power. Incorporators, J. S. Lovell, Wm. Bayne, E. W. McNeill, S. G. Crowell, and W. F. Ralph, all of Toronto.

Northern Construction Company, Limited, Montreal, incorporated, capital $100,000, to carry on business as builders and contractors. Incorporators, E. M. O'Brien, J. B. Rose, E. C. Perkins, G. A. Lafontaine and W. R. Stavely, all of Montreal.



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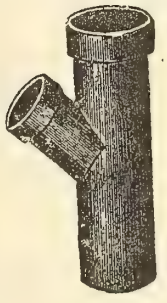
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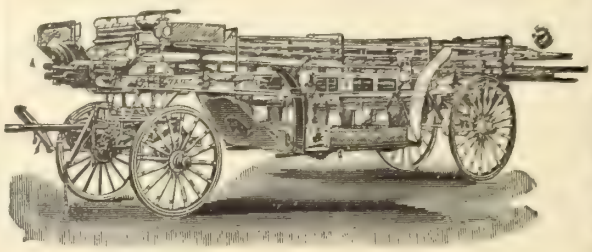

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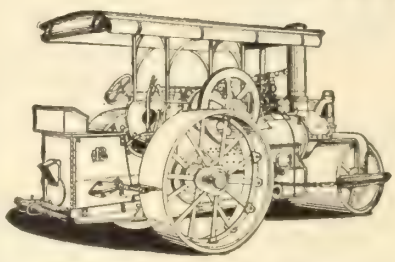

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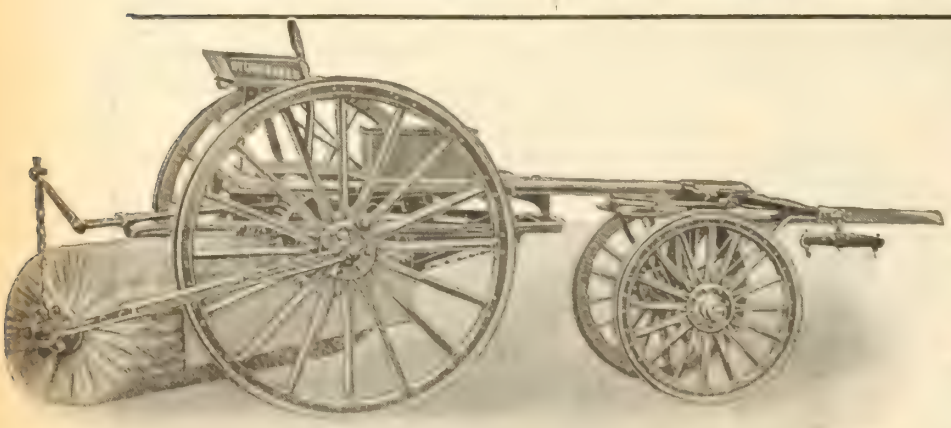

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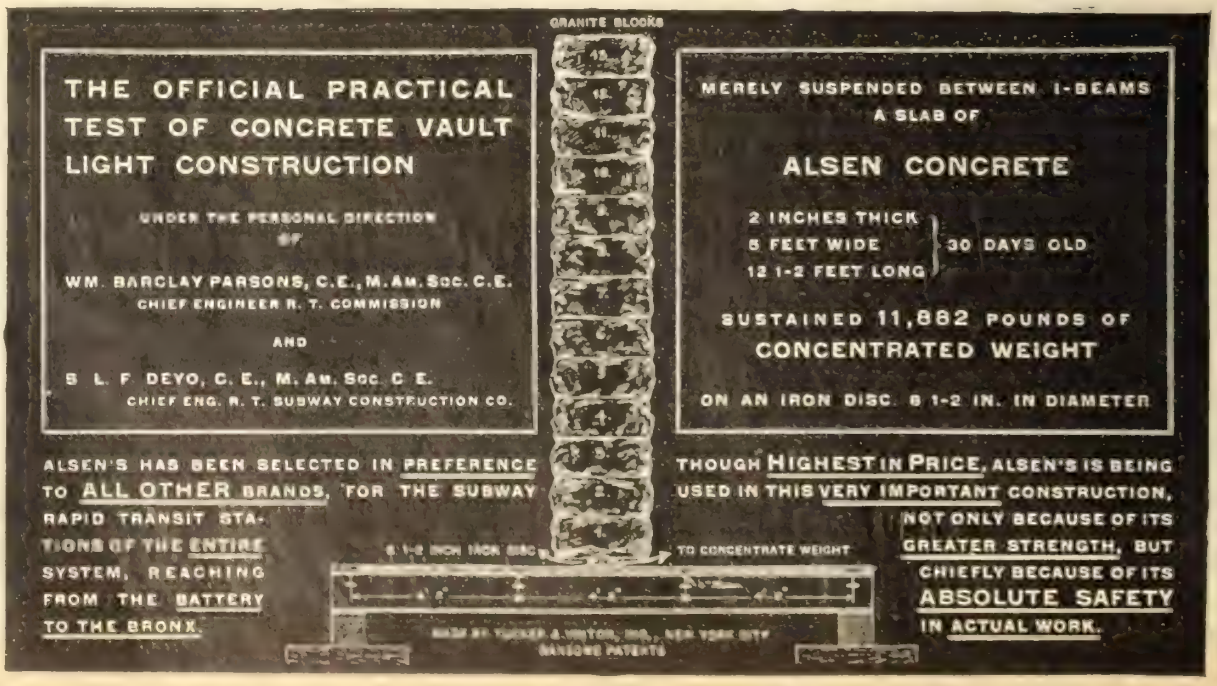

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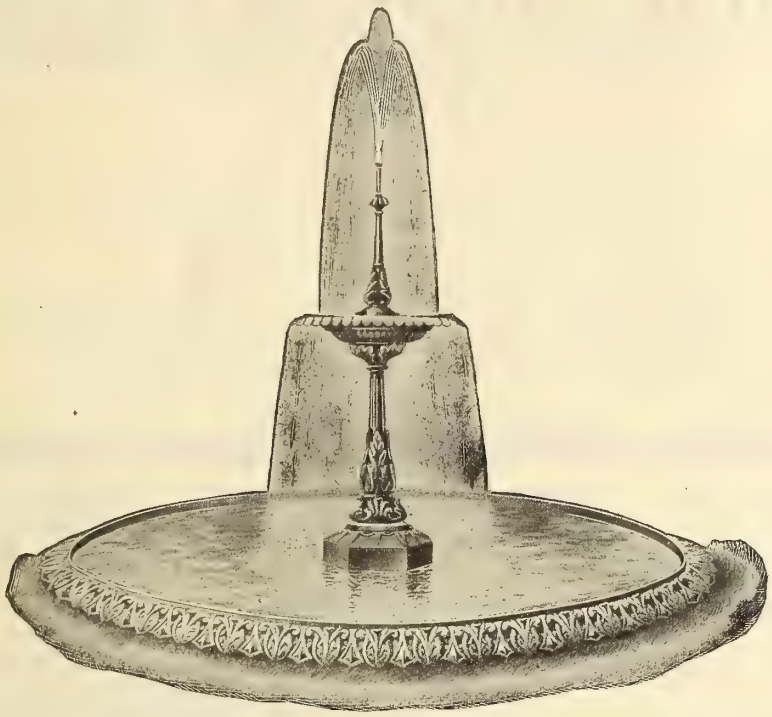

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CANADIAN

Contract Record

A Weekly Journal of Public Works, Tenders, Advance Information and Municipal Progress

This Paper Reaches Every Week the Town and City Clerks, Town and City Engineers, County Clerks and County Engineers, Purchasers of Municipal Debentures and Leading Contractors In All Lines Throughout Canada

VOL. 16. TORONTO, MONTREAL — AUGUST 16, 1905 — WINNIPEG, VANCOUVER No. 24

THE CANADIAN CONTRACT RECORD
PUBLISHED EVERY WEDNESDAY
As an Intermediate Edition of the Canadian Architect and Builder.

THE C. H. MORTIMER PUBLISHING COMPANY
of Toronto, Limited,

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TENDERS WANTED

Sealed tenders, marked "Tender" on the envelope, will be received by the undersigned up to 6 o'clock p m. on SATURDAY, THE 19TH INST., for the carpenter and joiner work required in the erection of a Methodist church for the Eastern Methodist Congregation, Napanee, Ontario.

Plans and specifications may be seen at my office or at the office of B. Dillon, Architect, Brockville, Ontario.

The lowest or any tender not necessarily accepted.

W. F. HALL,
Secretary of Building Committee.
Napanee, August 8th, 1905.

The Corporation of the City of Regina

REGINA CITY HALL COMPETITION

Architects are invited to submit competitive designs for the new City Hall proposed to be erected in this City.

The cost of the building, exclusive of furnishing, not to exceed $60,000.

CONDITIONS.

Designs to be delivered on or before 5 o'clock p. m. of the 1ST DAY OF SEPTEMBER, 1905, at the City Clerk's office, marked City Hall Competition. No name or other descriptive mark to appear on drawings but each competitor is requested to place a motto on his plan and enclose it in a sealed envelope containing his name, which envelope will not be opened until after the award is made, when the designs of unsuccessful competitors will be returned.

The Council does not bind itself to accept any of the designs submitted.

The architect (if any) whose design is accepted will be requested to provide all necessary drawings, etc., and will be employed to carry out the work, and he will be paid at the rate of 5% on the total outlay.

The style of architecture, general arrangement of plan and materials to be employed is left entirely to competitors.

For particulars apply to the undersigned.

J. KELSO HUNTER,
Secretary-Treasurer.
Regina, N.W.T., 14th July, 1905.

TENDERS WANTED

The Harbor Commissioners of Montreal invite tenders for the construction of a Foot Passenger Bridge at the Victoria Pier, Montreal, consisting of about 109 lineal feet of Steel and 575 lineal feet of Timber Bridge, with Masonry Foundations. Plans and specifications may be seen at the office of the Chief Engineer, Mr. John Kennedy, Harbor Offices, 57 Common Street, Montreal.

Tenders are to be sealed, endorsed "Tender for Bridge," addressed to the undersigned and delivered by 12 o'clock, noon, on 21ST AUGUST, 1905.

DAVID SEATH,
Secretary.
57 Common Street.
Montreal, 5th August, 1905.

CITY OF MOOSE JAW, N.W.T., CANADA

Sealed tenders will be received by the City of Moose Jaw up to MONDAY, THE 21ST AUGUST, 1905, at five o'clock p. m., for the following:

200 Horse Power Boiler.
350 Horse Power Engine, Condenser, Feed Pump and Heater.
225 K. W. Alternating Current Generator, Exciter and Switchboard.

Specifications can be seen at the office of the Secretary-Treasurer, who will receive tenders.

Each tender must be accompanied by an accepted cheque, draft or cash deposit for the sum of $500 which will be subject to forfeiture in case of failure on the part of the contractor to enter into a written contract.

The city reserves the right to reject any or all tenders.

JOHN D. SIMPSON,
Secretary-Treasurer.
Moose Jaw, N. W. T., 25th July, 1905.

City of Winnipeg

Tenders for Gas Producer Plant and Electric Generating Plant

Separate sealed tenders addressed to Ald. J. C. Gibson, Chairman Fire, Water and Light Committee, for supply of Producer Gas Plant of capacity of 2,500 continuous Engine Brake Horse Power; also 500 Kilowatt Electric Generating Plant, will be received at the office of the undersigned up to 3.30 p.m. on

Monday, August 28, 1905.

Specifications and forms of tenders may be obtained upon application to H. N. Ruttan, City Engineer, Winnipeg, Canada.

Each tender must be accompanied by an accepted cheque, draft or cash deposit for the sum called for in the form of tender supplied, which will be subject to forfeiture in case of failure on the part of the contractor to enter into a written contract with approved sureties if called upon to do so.

The city reserves the right to reject any or all tenders, or to accept any bid which appears advantageous to the City of Winnipeg.

C. J. BROWN,
City Clerk.
City Clerk's Office,
Winnipeg, July 26, 1905.

Notice To Contractors

Sealed bulk or separate tenders will be received until SATURDAY, AUGUST 26TH, at 6 p.m., for the various works and trades required in the tearing down of the present Bank Building and the erection and completion of a new Bank Building in the City of Chatham for the Bank of Montreal.

All tenders to be marked "Tender," and addressed to the Bank of Montreal, Chatham, Ontario.

Plans and specifications can be seen at the office of the undersigned architect.

Lowest or any tender not necessarily accepted.

A. M. PIPER, Architect,
Chatham, Ont.
Architectural Department,
Bank of Montreal, Montreal.

CITY OF WINNIPEG
FIRE SERVICE WATER WORKS

Sealed tenders addressed to Ald. J. C. Gibson, Chairman of the Fire, Water and Light Committee, for furnishing Gas Engine Pumping Plant of a capacity of 9,000 imperial gallons per minute against pressure of 300 pounds per square inch, will be received at the office of the undersigned up to 3.30 p.m. on

Monday, August 28, 1905.

Specifications and forms of tender may be obtained upon application at the office of Col. H. N. Ruttan, City Engineer, Winnipeg, Canada.

Each tender must be accompanied by an accepted cheque, draft or cash deposit for the sum of $5,000.00, which will be subject to forfeiture in case of failure on the part of the contractor to enter into a written contract with approved sureties if called upon to do so.

The city reserves the right to reject any or all tenders or to accept any bid which appears advantageous to the City of Winnipeg.

C. J. BROWN,
City Clerk.
City Clerk's Office,
Winnipeg, June 27th, 1905.

TENDERS
FOR
Erection of Workshop

Tenders will be received, by registered post only, addressed to the undersigned, up to noon on

Wednesday, August 23rd, 1905,

for the various trades required in connection with the erection of a workshop in Stable Yard at corner of King and Dufferin Streets.

Plans and specifications may be seen and all information obtained at the office of the Property Department, City Hall, Toronto.

Envelopes containing tenders must be plainly marked on the outside as to contents.

The usual conditions relating to tendering, as prescribed by city by-law, must be strictly complied with or the tenders will not be entertained.

The lowest or any tender not necessarily accepted.

THOMAS URQUHART, Mayor,
Chairman Board of Control.
City Hall, Toronto, August 14th, 1905.

CONTRACTS OPEN.

MOOSE JAW, N. W. T.—W. & J. H. Grayson will erect a brick block.

THOROLD, ONT.—The waterworks by-law was defeated here on Monday last.

QU'APPELLE, N.W.T.—The by-law to raise $22,000 for school purposes was carried last week.

CLAYOQUET, B. C.—The Sutton Lumber and Trading Co. will build a large saw mill here.

AIRDIE, N.W.T.—E. J. Hodgins is this week taking tenders for erection of Methodist parsonage.

CLINTON, ONT.—The Clinton Knitting Company have decided to rebuild their factory immediately.

ARNPRIOR, ONT.--The Town Council will petition the Dominion Government to build a wharf here.

GRISWOLD, MAN.—C. E. Benell is preparing plans for an elevator for the Griswold Milling Company.

DAUPHIN, MAN.—The Council will at once raise money by debentures for installing a telephone system.

ST. HENRI, QUE.—The ratepayers voted against expending $45,000 for the paving of Notre Dame avenue.

CALGARY, N.W.T—At the last meeting of the School Board the erection of a new building was discussed.

WATERVILLE, QUE.—The ratepayers have voted in favor of issuing debentures for erection of town hall.

NOTRE DAME DE GRACE, QUE. —The electors have voted in favor of the construction of a waterworks system.

DUNDAS, ONT.—A by-law will be submitted to the ratepayers to raise $16,500 for erection of a new High school.

PETERBORO, ONT. — The City Council have not yet reached a decision regarding the purchase of a fire engine.

MELITA, MAN.—Tenders will be received by T.S. Menarey up to 19th inst. for erection of addition to public school.

MOOSOMIN, N.W.T.—Adams Bros. have bought property on Main street on which to build a two-storey brick block.

STURGEON FALLS, ONT.—Debentures have been sold which will enable the town to erect a $15,000 town and fire hall.

FERNIE, B. C.—Tenders are being asked for construction of sewerage system. T. H. Jones, Vancouver, consulting engineer.

HARRISTON, ONT.—A by-law will be submitted to the ratepayers to grant a loan of $10,000 to the Canada Stove Works.

COBOURG, ONT. — Thomas Gillbard has donated $10,000 to the Public School Board for the erection of a new school.

GALT, ONT.—Plans have been received from Toronto for a new Salvation Army barracks to be built here, cost $8,000.

RENFREW, ONT. — The County Council have decided to build a concrete bridge over the Waba Creek, at cost of $2,819.

PRINCETON, B.C.—G. Ewart Baker, of Portland, has a proposal before the Board of Trade regarding the erection of a smelter here.

PAISLEY, ONT.—J. C. Gibson, Town Clerk, will receive tenders up to 18th inst. for construction of a wooden bridge over Willow Creek.

PORT MOODY, B.C.—The Canadian Pacific Lumber Company will build another saw mill at this place.—The C.P.R. will build a station.

INGERSOLL, ONT.—A deputation from North Oxford have requested the City Council to build a bridge over the river at McKeand street.

HEADINGLY, MAN.—T. Taylor, jr., Secretary-Treasurer, desires bids by 24th inst. for purchase of $5,000 of 6 per cent. school debentures.

PRINCE ALBERT, N.W.T.—As the tenders for Presbyterian church are in excess of the appropriation, the contract has not yet been awarded.

CHATHAM, ONT. — The School Board will ask the City Council for a grant of $19,000 to cover school improvements and provide steam heating.

BRANDON, MAN. — It is understood that the Canadian Northern Railway contemplate making extensive alterations to the station here.

OTTAWA, ONT—Mr. Ewart, chief architect for the Dominion Government, has prepared a rough sketch of the proposed addition to the House of Commons.

PENETANG, ONT.—G. W. Gouinlock, architect, Toronto, was here recently in connection with extensive alterations and additions to the Canada House.

FRANK, N. W. T.—J. E. Woods and J. F. Flautot are the promoters of the company which propose to furnish a water supply for this place and Pincher Creek.

KILLARNEY, MAN.—Contracts will be awarded next week for erection of a four-roomed brick school house. Plans by J. H. G. Russell, architect, Winnipeg.

BRODHAGEN, ONT. — F. Jacob, Township Clerk, will receive tenders up to 28th inst. for construction of the Logan-Maitland drain in Township of Logan.

GODERICH, ONT.—The Goderich Elevator & Transit Company have decided to rebuild their elevator, to be of cement and steel and to cost about $140,000.

BRACEBRIDGE, ONT.—Mr. Miller, of Pittsburg, has purchased five acres of land at Beaumaris, Muskoka Lakes, and will erect thereon a large summer dwelling.

FORT SASKATCHEWAN, N.W.T. —The ratepayers will vote on August 17th on a proposal to give a bonus of $5,000 to the Alberta Meat & Packing Company.

LADYSMITH, B.C.—The Ladysmith Lumber Company have had plans prepared for the complete reconstruction of their saw mills, which will be moved about four miles from Ladysmith.

NIAGARA FALLS, ONT.—The plans prepared by E. D. Pitt, architect, for central hospital building show a three-storey and attic structure with accommodation for twenty beds; estimated cost, $18,000.

PALMERSTON, ONT. — By-laws were carried here last week granting a loan of $10,000 to Major Wooldridge for erection of a furniture factory and providing $3,000 for improvements to electric light plant.

HAMPTON, N. B.—The plans of G. E. Fairweather, architect, of St. John, have been accepted for school building here, to have two storeys and basement, 80x60 feet, built of wood. Tenders will be invited immediately.

WELLAND, ONT.—The by-law for a stated taxation for M. Beatty & Sons and the Plymouth Cordage Company were carried by the ratepayers last week, and work will now proceed on the proposed buildings and plant.

PORT HOPE, ONT.—An engineer has been engaged by the town to report on the advisability of installing a municipal electric lighting plant.—The Standard Ideal Sanitary Company propose to erect a building costing about $8,000.

WINDSOR, ONT.—E. S. Wigle, of Fleming & Wigle, barristers, is promoting a 200-room summer hotel for Weesbeach, on Lake Huron above Sarnia.

TILBURY, ONT.—Engineers of the Dominion Government were here recently to locate the proposed dock for which the sum of $4,800 was placed in the estimates. —It is expected that Tilbury North will build a new bridge over Big Creek.

COLLINGWOOD, ONT.—The Imperial Steel & Wire Co. are this week taking tenders on the erection of a number of buildings, including warehouse, two storey brick office, galvanizing building and wooden and frame rod shed.

ST. CATHARINES, ONT. — The Ontario Power Co., of Niagara Falls, are negotiating to supply electric power in this city.—The Jenckes Machine Company intend erecting two buildings, one 300 × 110 feet and the other 200 × 100 feet.

NAPANEE, ONT.—Tenders are invited for erection of Methodist church here. Plans by B. Dillon, architect, Brockville.—Legal steps have been taken to quash the by-law providing for the installation of a municipal electric light plant.

OWEN SOUND, ONT.—Forster & Clark, architects, have prepared plans for a new market building, two storeys, containing quarters for waterworks department, market clerk's office and market scales, together with several offices on the ground floor.

FORT FRANCIS, ONT.—The Sisters of the Benedictine Congregation are considering the erection of a $30,000 hospital on Nelson street.—D. J. Gillon has reported that a main sewer capable of draining the town as far east as Butler street would cost $48,000.

PORT ARTHUR, ONT. — By-laws will be submitted to the ratepayers providing for $156,000 for extension of water and sewer systems, $15,000 for extensions to municipal telephone system, $20,000 for creation of reservoir on Current river, and $7,000 for a fire hall.

PEMBROKE, ONT. — The water power on the Black river has been purchased by the Pembroke Electric Light Company, who will develop it.—Tenders for erection of skating rink will be received by Alex. Morris up to 18th inst. Plans at office of J. L. Morris, C.E.

FORT WILLIAM, ONT. — A by-law to raise $30,000 for a new High school will be submitted to the ratepayers September 11th —H. R. Halton, architect, will invite tenders immediately for a $25,000 Baptist church to be built at corner of Archibald and Donald street.

EDMONTON, N. W. T.— A site has been purchased for the erection of a new hospital.—The Canadian Northern Railway are asking for tenders for erection of brick and stone station building and a ten-stall engine house at this place, also a frame station building at Fort Saskatchewan.

WETASKIWIN, N.W.T. — It is rumored that the Canadian Northern Railway will build a spur line from Levoix to Vegreville, about twelve miles.—It is understood that the Alberta Pacific Elevator Company and the Western Milling Company will each build an elevator here this fall.

REGINA, N. W. T.—W. W. Hilton, architect, is preparing plans for a business block for the Canada Permanent Mortgage Company, brick, three storeys, 29x80 feet.—E. E. Carver will receive tenders up to 26th inst., at the offices of Wm. Dodd, architect, for erection of building for Bank of Montreal.

WOODSTOCK, ONT.—John Galt, consulting engineer, Toronto, has sub-

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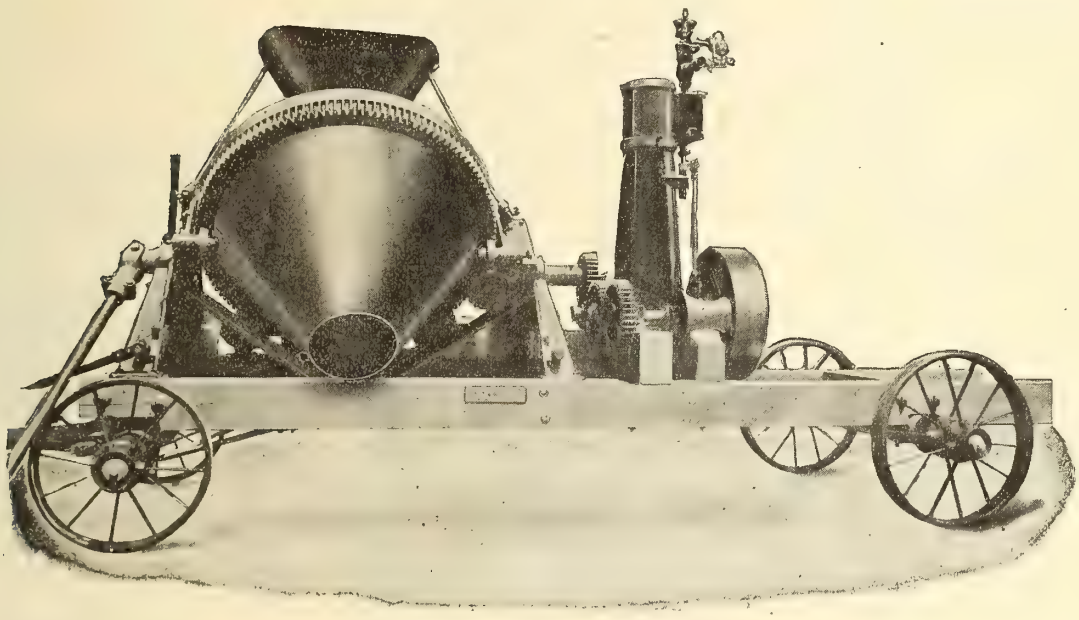

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mitted a report with plans and estimates for important improvements proposed in connection with the waterworks system for this city, aggregating about $20,000. —Tenders will be invited immediately for a new $10,000 gymnasium to be built at the Baptist College.

MONTREAL, QUE.—An agreement has been reached between the City Council and the C.P.R. which provides for the building of an overhead bridge across the tracks at the water's edge.—L. O. David, City Clerk, will receive tenders up to 18th inst. for building a public bath in Hochelaga Ward. Plans at office of Lacroix & Piche, 5 Beaver Hall Square.

PERTH, N.B.—The Maine & New Brunswick Electric Power Company are having plans prepared for developing the power of Aroostock Falls. W. Whitney, C.E., of Gardiner, Maine, is the chief engineer. It is proposed to transmit power to Andover and Perth, N.B., and Houlton, Maine. G. G. Porter, of this place, is interested.

VICTORIA, B. C.—W. W. Northcott, purchasing agent for the city, will receive tenders up to 28th inst. for supply of one dynamo, one exciter, one switchboard, three transformers, 150 arc lamps and 2,000 pounds No. 6 copper wire.—W. J. Dowler, City Clerk, will receive bids up to September 18th for purchase of $111,000 4 per cent. debentures.—T. W. Patterson has purchased the Heywood property on Upper Fort street, and intends building a modern residence.

FREDERICTON, N. B.—The Commissioner of Public Works has decided to replace the two spans of the Fredericton bridge recently destroyed by fire by a steel structure. Masonry piers will be substituted for the cribwork piers.—C.H. LaBillois, Commissioner of Public Works, will receive tenders up to 21st inst. for rebuilding Wilson bridge in Carleton County and Piccadilly bridge over Trout Brook in King's County.

BRANTFORD, ONT.—It is understood that McArthur & Sons will install a new laundry plant.—A fire station is badly needed in the East ward.—A by-law will likely be submitted to the ratepayers to raise $4,000 for the establishment of a garbage system.—George Ludlow has purchased property on which he intends building thirty houses.—The report of Willis Chipman, C. E., on a drainage system will be submitted shortly.

ST. BONIFACE, MAN.—It is probable that the work on the Roman Catholic cathedral will not be begun this year. Revised plans for same have been prepared by Marchand & Haskell, architects, Montreal.—A by-law to raise $100,000 was carried here last week; $40,000 is for a new city hall, $40,000 for extension of water works system, $8,000 for new fire hall in Norwood, $4,000 for repairing fire hall on Dumoline street, $4,000 for fire hose and chemical apparatus and $4,000 for payment of floating debt.

ST. JOHN, N. B.—Plans have been prepared for alterations to the building on Princess street recently purchased by A. & L. Isaacs.—The City Council will issue $500,000 of debentures.—The City Council will call for tenders for proposed new wharf on west side of harbor, to be 500 ft. long and 130 ft. wide, body of birch and floor of spruce. The plan for the second berth, which will extend farther out into the harbor at an angle parallel to No. 2 at Sand Point, has not at present been taken into consideration.—The St. John Globe Publishing Co. have decided to erect a new five storey building, brick, 50 feet frontage.—It is the intention of Stetson, Cutler & Company to practically double the capacity of the Mispec pulp mill.

HAMILTON, ONT.—It is rumored that the Imperial Bank will erect a modern office building on north-west corner of James and King streets.—The proposed office building for the Federal Life Assurance Company, for which Finley & Spence, of Montreal, have prepared the plans, will be eight storeys, of steel, terra cotta, grey granite and Indiana limestone. Work will be commenced next month. — The Ontario Pipe Line Company will proceed at once with the laying of service gas pipes. — Building permits have been granted as follows: Mrs. John McRobert, brick dwelling, King street, between Tisdale and Grant ave., cost $1,800; C. W. Yoon, cement block house, Minto ave., between Barton and Cannon streets, cost $1,000; Canada Steel Bridge Company, cement and frame factory, Arthur street, cost $5,000.

VANCOUVER, B. C.—It is understood that the Dominion Government intend to reclaim tide land and construct harbor improvements.—Plans have been submitted to the city for the erection of an abattoir, the main building to be 150 x 165 feet and two storeys high.—Rough plans have been prepared for proposed septic tanks in connection with sewerage system, estimated to cost $28,000.—E. G. Pake, formerly of Duluth, Minn., is negotiating for the erection of a large saw

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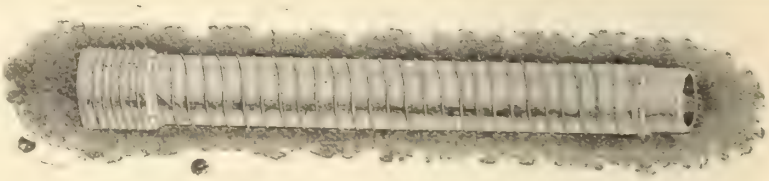

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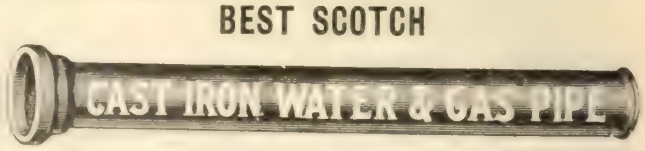

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mill on Vancouver Island.—Kelly, Douglas & Co. will erect a large building on Water street.—F. N. Rattenbury has been instructed by the C.P.R. to prepare plans for an addition to the hotel at Lake Louise, also for other improvements to C.P.R. property in the Mountain district. —The British Columbia Electric Railway Company will commence work immediately on the construction of five miles of new lines to North Vancouver.—Plans are being prepared by E. W. Houghton for an additional storey to the rear of the Vancouver Opera House.—A. G. Smith and James Whiteside intend building a wharf east of Lonsdale ave.—J. Leckie & Company intend building a boot and shoe factory on corner of Howe and Dunsmuir streets.

WINNIPEG, MAN.—C. J. Brown, City Clerk, will receive tenders up to Tuesday, September 5th, for supply of a turbine pump, with electric motor, for the city waterworks. Specifications at office of Colonel H. N. Ruttan, city engineer.—Duncan Sinclair, of the Alex. Black Lumber Company, will receive tenders up to 17th inst. for erection of a stone and brick church on McDonald street for Point Douglas Presbyterian congregation. Plans at store of William Scott, 539 Main street.—Alderman Sandison intends building a cottage at the north end of Whytewold Beach.—The three storeys to be added to the McIntyre Block, as formerly announced, will not be built until next year.—C. P. Walker, of the Winnipeg Theatre, has secured the Stovel and Dr. Clark property on Ellice avenue and Smith street and intends erecting a magnificent opera house on the site.—Building permits for

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this year have passed the $8,000,000 mark.—Among the more extensive local improvements to be undertaken by the city are the following: Asphalt pavements on Sargent avenue, cost $7,284; Maryland street, from Higgins to Henry avenue, $6,794; Notre Dame avenue, from Charlotte to Ellen street, $7,196; Colony street, from Portage to Ellice avenue, $9,696; Alfred avenue, from Salter to McKenzie street, $21,387; Ellice avenue, from Vaughan to Yonge street, $7,980: Preston avenue, from Langside to Maryland street, $7,550; sewer on McDermot avenue, from Monkman to Brant streets and on Monkman street, cost $2,929.—The City Clerk will receive tenders up to August 28th for furnishing and erecting a steel caisson, about 15 feet in diameter and 43 feet in depth.—E. H. Briggs & Company, broom manufacturers, have had plans prepared by Hooper & Walker, architects, for a factory to be built on Henry avenue west, brick and stone, five storeys, 50 × 120 feet.—The Manitoba Brewing Company, Fort Rouge, will next week begin the erection of an ale and porter brewing house and bottling works.—R. Rogers, Minister of Public Works, is taking tenders for construction of sewer and tunnels in connection with the Agricultural College, also for electrical work, including installation of engines, generators, motors, etc., in power house.

TORONTO, ONT.—E. J. Lennox, architect, is this week taking tenders for excavation work required in erection of a bank building on Yonge street, opposite Albert street, for the Bank of Toronto.—St. Clarens avenue Methodists will shortly build a new church on the corner of College street and Sheridan avenue, at an approximate cost of $55,000.—The Ontario College of Pharmacy have appointed a committee to obtain plans for a new building, although it is not expected that the work of construction will be commenced this year.—It is probable that the Dominion Government will invite tenders this week for the erection of a new riding school and other additions to the drill hall. —The Toronto & York Radial Railway Company will extend the Toronto & Mimico branch of their line to the western boundary of Etobicoke township. An overhead bridge will be built across the Etobicoke river.—The City will invite tenders immediately for additional sheep

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pens at the western cattle markets to cost about $17,000.—It is understood that negotiations are under way for the erection of a ten-storey building on the north-west corner of Bay and Adelaide streets, to be occupied jointly by the Citizens Bank of Canada and the Builders' Exchange.—The Board of Health have approved of the plans for a sewerage system east of the Woodbine, and the work will now be proceeded with.—It is reported that the Crown Life Insurance Company are negotiating for the property on which the Bay street fire hall is located, with the object of erecting a large office building thereon.—Building permits have been granted as follows: R. C. Clarke, pair semi-detached two-storey roughcast dwellings, 39 and 41 Morse street, $1,000; J.J. Walsh, 2½-storey stone and brick dwelling, east side Beaty avenue, $4,000; J. H. Eyer, 1½-storey stone and brick stable, corner Avenue road and Heath street, $2,000; D. Campbell, two-storey and attic dwelling, brick and Roman stone, west side Rusholme road, $5,000; J. Forward, two-storey roughcast dwelling, south side Hallam street, $1,000; Miss Lizzie Rix, two-storey and attic brick dwelling, 184 Arthur street, $2,000; S. Horton, pair semi-detached two-storey brick and stone dwellings, north side Wright avenue, $3,500; Trustees Grace Hospital, two-storey brick laundry, corner College and Huron streets, $6,000; J.F. Peterkin, two-storey and attic brick and stone dwelling, west side Dowling avenue, $6,000; Mrs. T. Swanton, two-storey roughcast dwelling, 38 Lewis street, $1,800; Waters & Elliott, three attached two-storey brick dwellings, north side Victor avenue, $6,000; J. Turner, pair semi detached two-storey roughcast dwellings, west side Leslie street, $2,000; H. Hanks & Sons, two-storey brick dwelling, corner Hepbourne street and Havelock street, $2,000; G. Brown, pair semi-detached two-storey roughcast dwellings, north side Cummings street, $2,200; A. O. Beardmore, alterations to dwelling, brick, 75 St. George street, $3,000; Wm. E. Weale, two-storey stone and brick dwellings, 440 St. Clarens ave., $2,000; D. Chalmers, two-storey and attic brick and stone dwelling, east side Avenue road, $7,000; J. J. Walsh, five pairs semi-detached two and a half-storey stone and brick dwellings, Kendal ave., $28,000; George Phillips, two-storey brick detached dwelling, 42 Robert street, $3,000; Frederick Orford, four pair semi-detached two-storey roughcast dwellings, brick fronts, Pape ave., $12,000; S. H. Janes, alterations and addition to dwelling, 73 St. George street, $1,000; H. E. Kesteven, two-storey brick residence, 12 Garnet ave., $1,000; Hugh Gunn, two-storey and attic brick and stone residence, south side Roxborough street west, $4,000; Consumers' Gas Co., one-storey retort house, brick, concrete and steel roof, Eastern ave., $50,000; R. F. Davey, two-storey store and dwelling, concrete foundation and cement blocks, south side Queen street, $3,100.—The Gowans, Kent Company have purchased a lot on the Don Esplanade, south of King street, and will erect thereon a fine warehouse.—The Board of Control want tenders by 23rd inst. for erection of a workshop in stable yard at corner of King and Dufferin street.—It is understood the Consumers Gas Company, who are building a retort house at foot of Saulter street, will construct other buildings and a dock.

CONTRACTS AWARDED.

SOURIS, P.E.I.—Post office and custom house: B. Creamer, contractor.

COPPER CLIFF, ONT.—Buildings for smelting plant: J. Laberge, contractor.

AMHERST, N.S.—Water works debentures: J. C. McIntosh & Co., of Halifax, successful tenderers.

CORNWALL, ONT.—Superstructure of buildings for Tin Plate Co.: Dominion Bridge Co., Montreal, contractors.

FORT WILLIAM, ONT.—Granolithic sidewalks: Forest City Paving Co., London, successful tenderers, 19¾ cents per foot.

NORTH BATTLEFORD, N. W. T.—Building for Canadian Bank of Commerce: Hoge & Thompson, of Saskatoon, contractors.

SARNIA, ONT.—Cast iron water pipe for waterworks system: Gartshore-Thomson Pipe and Foundry Co., Hamilton, successful tenderers, $31.60 per ton.

ST. JOHN, N. B.—It is reported that Gilmour Brown has been awarded the contract for work on the Central railway.—Barn for St. John Ice Co.: F. N. Brodie, architect; Harry P. Williams and Robert Armstrong, contractors.

OTTAWA, ONT.—Desks for new schools: T. W. Currier & Co., Preston, Ont., successful tenderers.—The Department of Railways and Canals have awarded the International Cement Co., this city, a contract for 400 barrels of cement for the Trent canal.

VANCOUVER, B. C.—Hotel and theatre for Soo Gee Wing, of Victoria: E. W. Haughton, Seattle, architect; A. P. Gillies & Co., Seattle, contractors.—Renovation of Metropole Hotel: Woodwork, Ald. Morton; plumbing, etc., William Ralph & Company.—Erection of No. 1 firehall: General contractor, C. Shindler, $18,370; heating, Barr & Anderson, $1,600.

TORONTO, ONT.—Work has commenced upon a cut stone and cement residence in Glen Grove Park for A. Ansby, from plans and designs by Geo. W. Gouinlock, architect, at an estimated cost of $30,000.—The same architect has let contracts and started work on a residence in Crescent Road for Mr. Cholwill, to cost $10,000.

WINNIPEG, MAN. Warehouse for the Trees, Spriggs Co., Princess street: Architect, J. H. Cadham; masonry, P. Bernard; carpentry, J. A. Girvin & Co.; 45x110 feet, cost about $35,000. Supply of valves for city water works: R. D. Wood & Co., successful tenderers; supply of brass goods, Canada Brass & Supply Co., successful tenderers.—The C.P.R. have awarded the contract for grading

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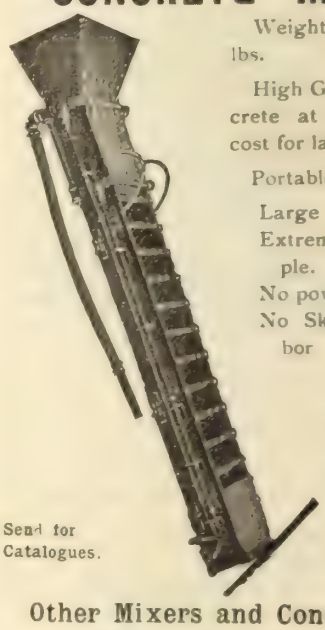

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and bridging of the Lauder-Broomhill branch, twenty miles long, to P.R. Lamb. —Cotter Bros. have been awarded the contract of installing heating and plumbing systems in the post-office.

GUELPH, ONT.—Erection of armory: Booth & Hagarty, of Brockville, contractors, cost about $125,000; brick, foundation of Guelph limestone.—New buildings at Homewood Sanitarium: Irving & Stewart, contractors; main building will be 264 feet long and will consist of four storeys; estimated expenditure, $100,000.

HAMILTON, ONT.—Rebuilding Caroline street school: Carpentry, Jas. Phillips; metallic roofing, John E. Riddell; painting, T. N. Miller. — The contract for plumbing work of the Grand Opera House has been let to R. H. Walker & Co., Elmira, N. Y.; Fuller Claflin, New York, architect.—Remodelling plumbing system in court house: A. Rogers & Co., successful tenderers, $1,081.

GLACE BAY, N. S.—William Cooke has been awarded the contract for supply of pipe and construction of pipe line extension from the pumping station to Sand Lake, his tender being: 16 in. cast-iron pipe, $2.90 per foot; 18 in., $3.25; 16 in. wood pipe, $2.50 per foot. — $125,000 water works debentures and $25,000 electric light debentures: J. C. McIntosh & Company, Halifax, successful tenderers, at 94.

REGINA, N. W. T.—Water works and sewerage extensions: Dobson, Jackson & Fry, Winnipeg, successful tenderers, about $23,000. Same contractors have also secured the contract for granolithic sidewalks, at a price around $13,000. The pipes for water works system will be supplied by the Canadian Pipe Company, Vancouver, who have also secured the contract for valves and hydrants. The Western Supply & Equipment Company, of Winnipeg, will build the septic tanks.

FIRES.

Saw and shingle mill of J. H. Clark at Mitchell Square, Ont. Mr. Clark will rebuild.—Storehouse of the Lake of the Woods Milling Co., Montreal, damaged to extent of $20,000.—Grand Hotel at Nelson, B.C., totally destroyed, loss $50,000.—Saw mill of Donald Fraser & Sons, Fredericton, N.B., loss $150,000.—Grain elevator of Green Bros. at Harlow, Ont., totally destroyed.—Knitting factory of William Channels at St. Catharines, Ont., completely gutted; loss about $4,000.

BUSINESS NOTES.

Horace Thayer, contractor, Toronto, is reported to have assigned to E. R. C. Clarkson.

Mrs. E. S. Manny has registered the business of E. S. Manny & Cie, contractors, Montreal.

Medler & Arnot, contractors, Toronto, have dissolved, and the business will be continued by Peter Arnot.

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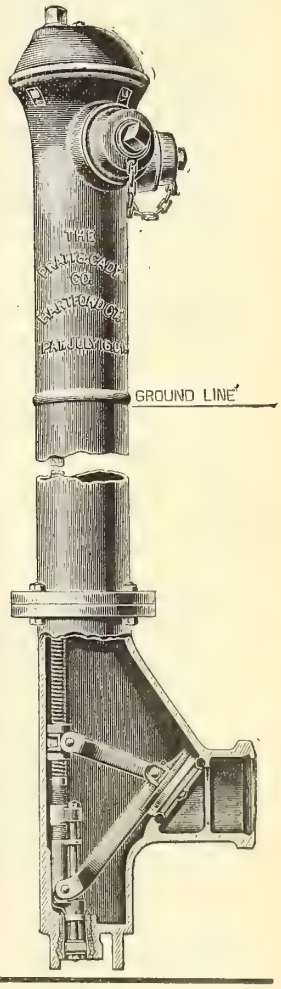

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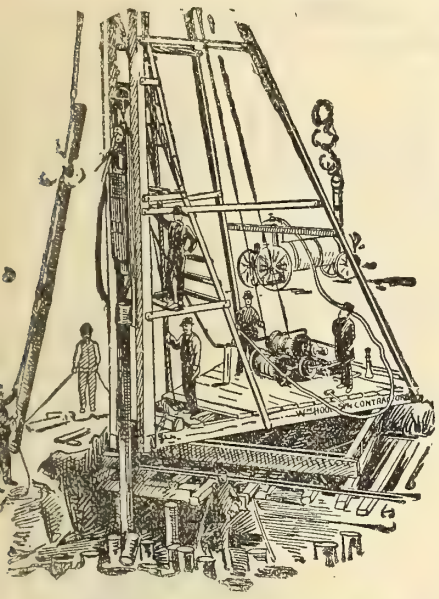

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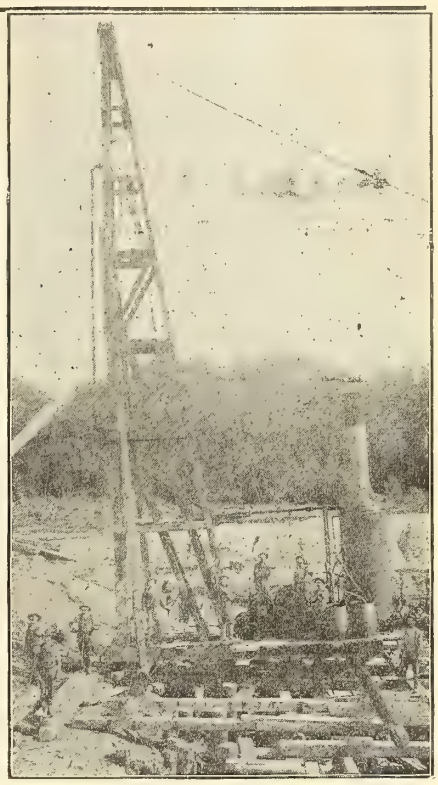

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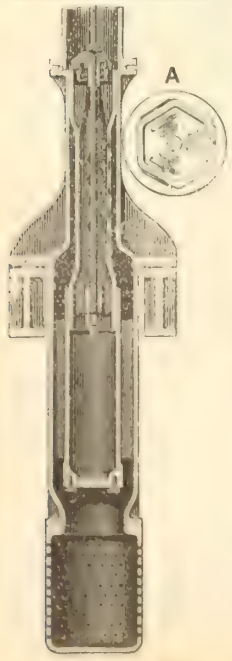

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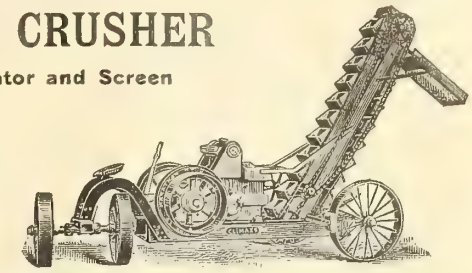

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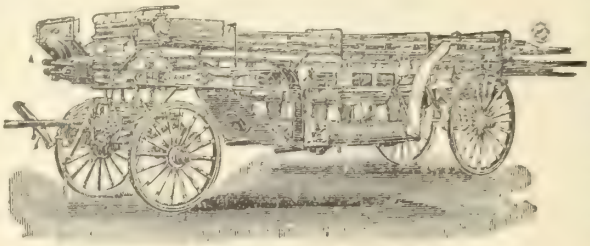

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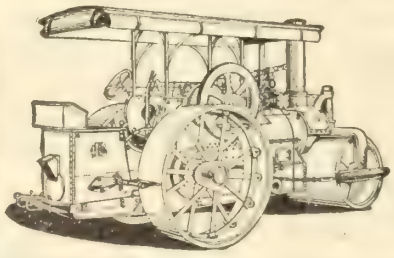

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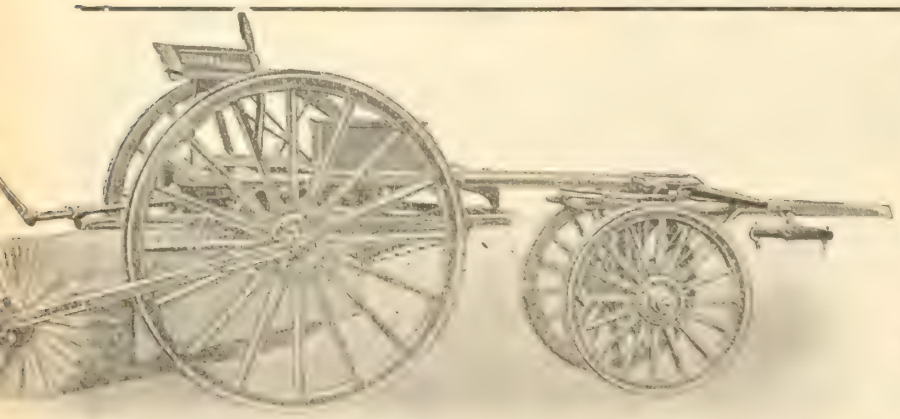

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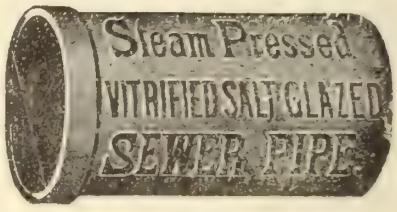

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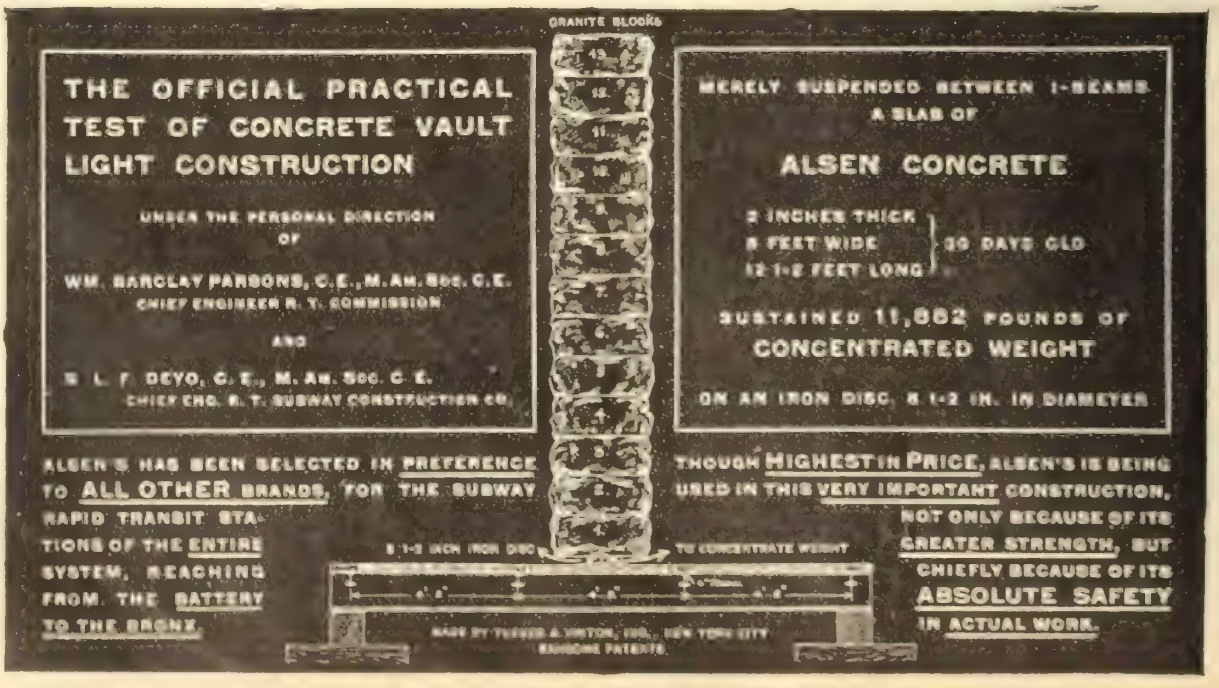

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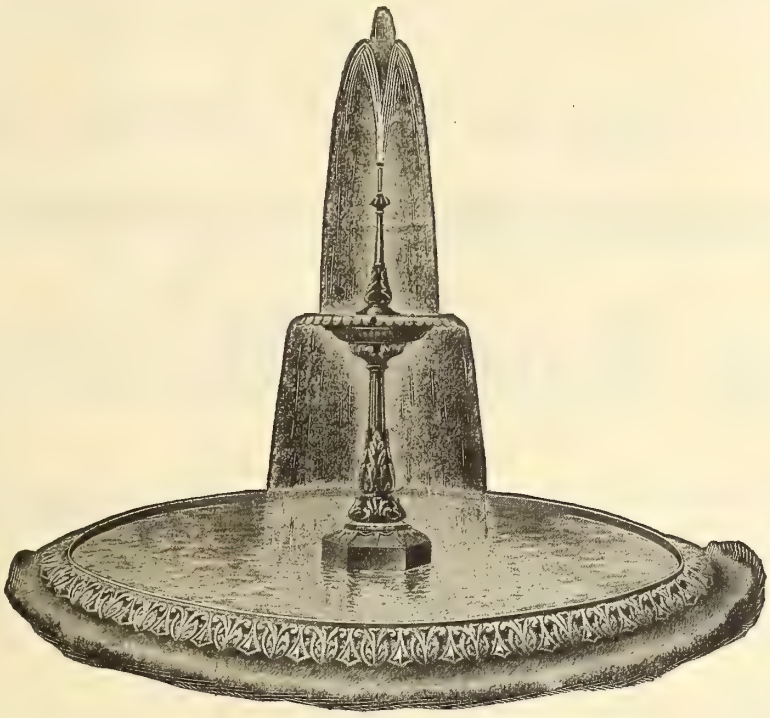

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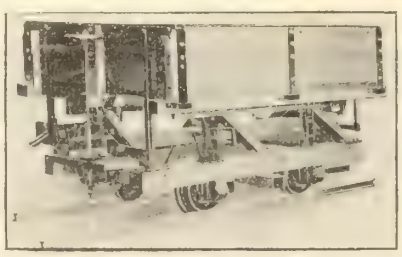

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TENDERS WANTED

The undersigned will receive tenders marked "Tender for Sidewalk" up to noon on AUGUST 31ST, 1905, for the construction of about 6,800 square feet of Granolithic Sidewalk and Crossings in the Town of Goderich, according to specifications which may be had from the undersigned.

The lowest or any tender not necessarily accepted.

M. O. JOHNSTON,
Town Clerk.

The Corporation of the City of Regina

REGINA CITY HALL COMPETITION

Architects are invited to submit competitive designs for the new City Hall proposed to be erected in this City.

The cost of the building, exclusive of furnishing, not to exceed $60,000.

CONDITIONS.

Designs to be delivered on or before 5 o'clock p. m. of the 1ST DAY OF SEPTEMBER, 1905, at the City Clerk's office, marked City Hall Competition. No name or other descriptive mark to appear on drawings but each competitor is requested to place a motto on his plan and enclose it in a sealed envelope containing his name, which envelope will not be opened until after the award is made, when the designs of unsuccessful competitors will be returned.

The Council does not bind itself to accept any of the designs submitted.

The architect (if any) whose design is accepted will be requested to provide all necessary drawings, etc., and will be employed to carry out the work, and he will be paid at the rate of 5% on the total outlay.

The style of architecture, general arrangement of plan and materials to be employed is left entirely to competitors.

For particulars apply to the undersigned.

J. KELSO HUNTER,
Secretary-Treasurer.

Regina, N.W.T., 14th July, 1905.

WANTED—Two Competent Architectural Draughtsmen; permanent positions to suitable men. Give full particulars as to experience and salary expected. Apply to THE WOODRUFF ROBINS CO., LTD., 50 and 52 Victoria Street, Toronto.

TOWN OF SUDBURY

Waterworks and Sewer Extension

Sealed tenders, marked "Tender for Waterworks, etc." on the envelopes, and on form supplied by the Town Clerk, will be received by the undersigned up to six o'clock, p. m., SEPTEMBER 4TH, 1905, for all material and labor necessary to construct the following, namely:

1st—Sewers:
5000 ft. 6 ins. 2600 ft. 8 ins.
1620 ft. 9 ins. 1420 ft. 10 ins.

2nd—Waterworks Extension and Hydrants:—
2000 ft. 6 ins.
2500 ft. 4 ins.

Plans and specifications are on file and may be seen at the Town Clerk's office, Sudbury, Ont.

Each tender must be accompanied by an accepted cheque, payable to L. O'Connor, Esq., Mayor of Sudbury, for 5 per cent. of the amount of the bid, which will be subject to forfeiture in case of failure on the part of the contractor to enter into a written contract with approved sureties if called upon to do so.

The town reserves the right to reject any or all tenders.

Cheques will be returned to unsuccessful bidders.

STEPHEN FOURNIER,
Town Clerk.

Sudbury, Ont, August 19th, 1905.

CONTRACTS OPEN.

NORTH BAY, ONT.—A new $10,000 school will be built here.

ALBERT, N. B.—The construction of a waterworks system is being agitated.

PEMBROKE, ONT.—The Salvation Army will build a new barracks here.

VONDA, N. W. T.—Plans have been prepared for new school to be built here.

NANTON, MAN.—The Nanton Lumber & Grain Co. will erect a large grain warehouse.

WESTON, ONT.—Sergeant Stimson has decided to locate here and will build a residence.

CALGARY, N.W.T.—The city hall and natural gas by-laws were defeated last week.

KAMLOOPS, B.C.—Extensive improvements to the hospital building are proposed.

RIDEAUVILLE, QUE. — Plans are under consideration for the erection of new school.

HINTONBURG, ONT.—Dr. C. H. Higgins intends building a residence on Seventh ave.

BURFORD, ONT. — The Crown Bank have decided to erect their new building this fall.

DAUPHIN, MAN.—The Municipality of Stanley will expend about $9,000 for drainage purposes.

ESSEX, ONT. — The Council have passed a by-law to raise $5,000 to build an addition to the public school.

DIGBY, N.S.—The Salvation Army have decided to build a $2,000 barracks on east side of Water street.

HARTNEY, MAN.—Voting on the by-law ro raise money for enlarging the school takes place on the 28th inst.

GALT, ONT.— Alderman Paterson has purchased property on Dickson street for the proposed municipal stables.

QUEBEC, QUE.— M. Marceau has been granted a permit for repairs to building on St. Joseph street, cost $7,000.

WELWYN STATION, N.W.T. — E. Webster wants tenders by 26th inst. for erection of frame or brick schoolhouse.

SASKATCHEWAN, N.W.T.—H. E. Daniel is getting figures for the town on fire engines and other fire fighting apparatus.

BROMPTONVILLE, QUE. — The Brompton Pulp & Paper Co. will likely make extensive additions to their plant next year.

NORTH TORONTO, ONT.—Robbert Cox, jr., has had plans prepared for a $5,000 residence to be built on Davisville ave.

GRANBY, QUE.—William Neil has prepared plans for proposed Sunday school and lecture hall for Congregational church.

GORE'S LANDING, ONT.—W. C. Harris and A. Harris are asking for tenders up to September 1st for erection of new church.

CRYSTAL BEACH, ONT.—A movement has been started by Rev. A. M. Murphy, of Fort Erie, to build a Catholic church here.

FORT WILLIAM, ONT.—A by-law to raise $30,000 for erection of High school will come before the ratepayers on September 13.

BORNHOLM, ONT.—Logan Township Council will receive tenders up to 28th inst. for construction of the Logan-Maitland drain.

KINGSTON, ONT. — Hon. William Harty states that the new artillery barracks to be erected here will be commenced next fall.

NANAIMO, B. C. — The Western Fuel Co. have decided to erect a corrugated iron building 100 x 50 feet, also a new power house.

ELORA, ONT.—W. A. Petrie, Village Clerk, wants bids by September 2nd for purchase of $2,500 10-year 4½ per cent. pavement debentures.

SHAWINIGAN FALLS, QUE.—The Northern Aluminum Co. are doubling

the capacity of their works and will erect buildings costing $200,000.

WHITBY, ONT. — The Keystone Sugar Co. expect to commence work on their factory at an early date. James Fowler is managing director.

ST. ANDREWS, N.B.—The Department of Marine, Ottawa, will shortly call for tenders for a $5,000 substructure for the lighthouse near this place.

LADYSMITH, B. C.—At a public meeting last week it was decided to proceed with the scheme of securing an electric lighting system for this place.

OWEN SOUND, ONT.—J. C. Forster, architect, has completed plans for a two-storey building for municipal purposes to be built on the Market square.

WATERLOO, QUE.—A. F. Savaria has made a proposition to the Council to erect a three-storey knitting factory 200 × 70 feet in return for a bonus of $30,000.

GANANOQUE, ONT.—S. McCammon, Town Clerk, desires tenders by Monday, September 4th, for laying house sewer connections and waterworks services.

NORTH BUXTON, ONT. — William F. Moore will receive tenders up to September 2nd for concrete foundation 40 × 60 feet and for raising the B.M.E. church.

BRACEBRIDGE, ONT.—The vote on the by-laws to build a bridge and macadamize Manitoba street resulted in the passing of the former and the defeat of the latter.

MALAKOFF, ONT.—Bids desired by James Meredith by Saturday, 26th inst., for purchase of $5,112.88 20-year 5 per cent. drainage debentures of Township of Marlborough.

ARCOLA, N. W. T.—The ratepayers have requested that the Town Council raise a further sum of $4,500 by debentures to be added to the funds for building a town hall.

WINCHESTER, ONT. — Dunn & Fullarton, engineers, will receive tenders up to Friday, September 8th, for construction of the Quart drain; estimate of excavation, 3,500 yards.

MANDAN, MAN. — Tenders for erection of municipal hall at Sanford will be received by John Cuddy up to 30th inst. Plans by Frank R. Evans, architect, Winnipeg.

PORTAGE LA PRAIRIE, MAN.—The Manitoba Iron Works Co. want tenders by 31st inst. for labor and material required in the brick work of the boiler for the pumping station.

GARRYOWEN, ONT.—J. G. Campbell, Reeve, desires bids by Saturday, 26th inst., for construction of concrete abutments for bridge over the Big Head river north of village of Bognos.

STURGEON FALLS, ONT.—A by-law to raise $35,000 by debentures to consolidate the floating debt and provide funds for town buildings will be submitted to the ratepayers September 20th.

PENTICTON, B.C.—The Southern Okanagan Land Co. are about to construct irrigation work, including a 32-inch pipe line about a mile long and a dam at the head waters of Penticton creek.

HESPELER, ONT.—The R. Forbes Company, woolen manufacturers, intend building a dam to replace their old one. John S. Fielding, C.E., Toronto, is the consulting engineer. The dam will likely be of concrete.

HULL, QUE.—The Montreal Powder Co. have commenced the erection of their factory.—A by-law to raise $45,000 by debentures for improvements to the waterworks system has been sanctioned by the ratepayers.

DALHOUSIE, N.B.—Willis Chipman, C.E., Toronto, will shortly submit his report on waterworks, sewerage and electric light systems for this place.—The Dominion Government intend building a new wharf here.

CHATHAM, ONT. — The School Board propose to issue debentures for $19,500, $6,000 of which is for the extension of the Central school, $4,000 for sanitary improvements to McKeough school and $5,500 for heating systems.

BROCKVILLE, ONT. — B. Dillon, architect, will receive tenders up to 24th inst., for carpentry, plastering, hot water heating, plumbing, painting and glazing required in remodelling the third storey of the Harding block.

VICTORIA, B.C.—Thomas D. Sedger, architect, has prepared plans for a frame bungalow to be built on Clarence street by J. M. Johnston.—It is reported that the C. P. R. are considering the addition of another wing to the hotel now in course of construction.

ST. BONIFACE, MAN.—T. Bertrand, Town Clerk, wants tenders by 25th inst. for erection of a town hall. Plans prepared by V. W. Horwood, architect, Winnipeg, may be seen at the office of Cecil Goddard, C.E.—It is probable that plans will again be requested for new fire hall for Norwood.

LONDON, ONT.—Tenders are invited up to August 30th for repairs to No. 1 Government drain, Deleware. Plans at office of F. W. Farncomb, Township Engineer, this city.—It is reported that A. J. Small has under consideration a proposition to erect a new theatre in the city.

GUELPH, ONT. — The tenders received for new buildings at the Ontario Agricultural College for farm, mechanical and technical education and residences are in excess of the estimated cost and the plans may be modified and new tenders invited.

FREDERICTON, N.B. — The City Council have decided to engage F. A. Barbour, C.E., of Boston, to report upon the possibility of obtaining a water supply by gravitation.—The City Engineer is taking a survey of the city in connection with proposed installation of a sewerage system.

GODERICH, ONT.—M.O. Johnston, Town Clerk, requests tenders by August 31st for construction of 6,800 square feet of granolithic sidewalk and crossings.—A meeting of the Goderich Elevator & Transit Co. will be held this week to arrange for the raising of $25,000 for building an elevator.

TORONTO JUNCTION, ONT.—T. J. Smyth will build a $4,000 residence on Annette street.—The following building permits have been granted: A. Richardson, brick house on Humberside avenue, to cost $2,500; W. H. Cummings, brick and stone house, Willoughby avenue, cost $1,800; S. W. Edgers, brick house on Davenport road, cost $2,400.

PETERBORO, ONT.—None of the tenders have as yet been accepted for new All Saints church.—The Peterboro Cereal Co. are having plans prepared for erection of an elevator 50 × 50 feet, to be built this fall. The company will also build an addition to the east side of their mill on Simcoe street, in which will be installed machinery for turning out oatmeal and rolled wheat.

WELLAND, ONT.—The Plymouth Cordage Co. have completed the purchase of the land for their proposed buildings, which will be built of reinforced concrete. The main building will be 600 feet long. Besides, there will be a picker building, machine shop, storage warehouses, etc., and it is probable that about 50 houses will also be built by the company.

MONTREAL, QUE.—Architects are requested to submit plans by September 11th for the construction of a cafe and terrace in Mount Royal park, cost not to exceed $15,000. Particulars from L. O. David, City Clerk.—Tenders are being taken up to September 15th for the construction of the western section of the Grand Trunk Pacific railway.

ST. CATHARINES, ONT.—Bids requested by William A. Mittleberger, City Treasurer, up to September 4th, for purchase of $50,000 20-year 4 per cent. debentures.—Tenders are invited by the Department of Railways and Canals, Ottawa, up to 30th inst., for the supply and erection of four transmission line towers on the Welland canal. Plans at the office of the Superintending Engineer.

DUNDAS, ONT.—R. T. Wilson will erect a business building on King street.—W. R. Bennett has bought two lots on Victoria street on which to build residences.—C. C. Palmer intends building a residence.—It is reported that John Bertram & Sons have amalgamated with several American firms and a moulding shop costing $100,000 will be built here immediately.

BRANTFORD, ONT.— Preliminary plans for the surface drainage of the city have been submitted by Willis Chipman, C. E., Toronto.—Representatives of the Bell Telephone Co. were in the city last week in connection with the proposed new building.—James Cahill will build a brick residence on Nelson street, cost $1,300.—The Water Commissioners have decided to adopt the meter system for all residences.

OTTAWA, ONT. — F. Goudreau, Deputy Minister of Marine and Fisheries, will receive tenders up to September 11th for fog alarm machinery.—It is understood that the management of the Russell House have decided upon plans for interior improvements to be carried out this year and a 12-story addition to be built next year. Two modern elevators will be installed.—Extensive plans for the improvement of the system of lighthouses along the Atlantic seaboard have been decided upon by the Marine Department.

VANCOUVER, B. C.—Parr & Fee, architects, have taken tenders for a three storey and basement building to be erected on Seymour street, near Dunsmuir, for A. M. Forbes & Co.—J. H. Hanbury, of Brandon, is considering the erection of a grist mill and grain elevator here.—Dalton & Eveleigh, architects, are preparing plans for a three-storey hotel to be built on the southwest corner of Homer and Cordova streets, hot water heating, hydraulic elevators, cost $20,000.—William Bailey has purchased six lots on Keith road, North Vancouver, and intends building a fine residence.—P. F. Emerson, of this city, intends building a large saw mill at Greenway Channel, about 125 miles up the coast.

HAMILTON, ONT.—The City Engineer has outlined a scheme to overcome the difficulty caused by flooding. He proposes to establish a system to carry away the storm waters, at an approximate cost of $21,000. He estimates the cost of providing a sewerage system in the east end annex at about $28,000.—The following building permits were granted last week: R. & J. Poag, brick residence, corner Robert and Mary streets, cost $2,000; Dr. Griffin, ten brick residences, Milton ave., cost $15,000; B. Richardson, brick building, King street, between Ferguson ave. and Jarvis street, cost $1,200; H. E. Hawkins, Limited, brick store, Barton street, between Gibson and Earl streets, cost $3,450; Daniel Sullivan, brick residence, Murray street, cost $2,000.

THE

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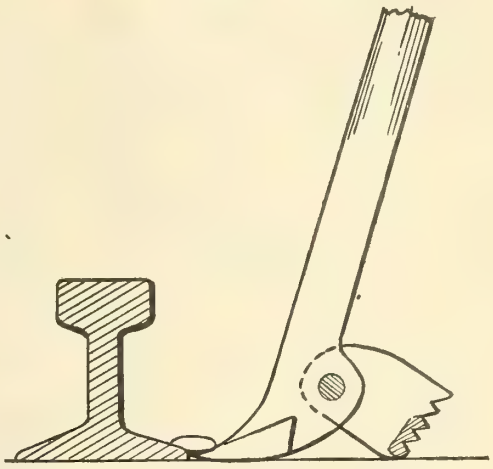
TRACK TOOLS



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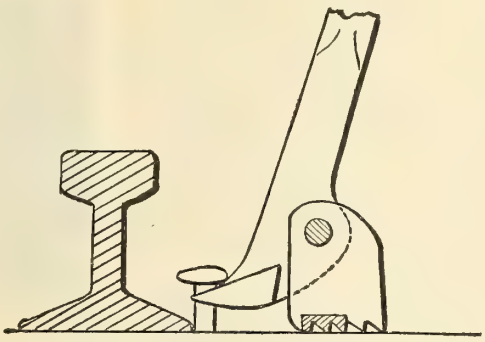

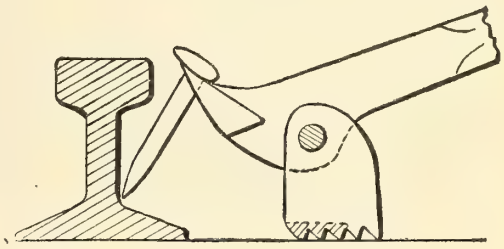

NORTON
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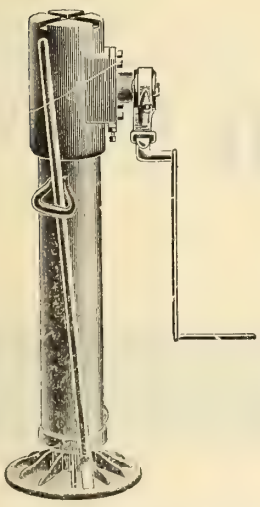
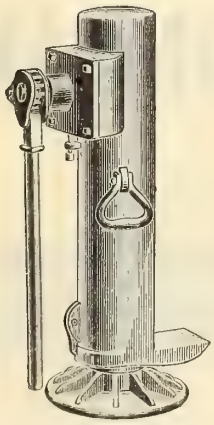
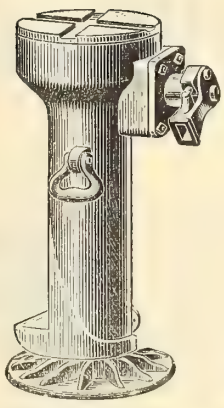


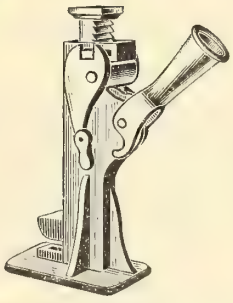
25 TON BALL-BEARING CAR JACK



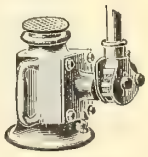
15 TON DOUBLE SPEED BALL-BEARING JACK



50 TON BRIDGE JACK



15 TON TRACK JACK



8 TON JOURNAL JACK

W. H. C. Mussen & Co.

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Montreal

TORONTO, ONT.—Specifications of fog alarm machinery required by the Depart of Marine and Fisheries can be seen at the office of the Steamboat Inspector in this city. Tenders close September 11th. —According to the permit, the new Traders' Bank building to be erected on the corner of Yonge and Colborne streets will cost about $700,000.—D. D. Mann, of Mackenzie, Mann & Co., has purchased the Fallingbrooke property, better known as the Scarboro Cliff, and intends building a handsome summer residence thereon.—Pending the erection of the new general hospital, Cawthra Mulock has furnished funds for the refitting of the present outdoor department.—Tenders are wanted for concrete foundations for four pair of houses on Symington ave. Plans at corner of Bellevue ave. and Denison square.—The Staunton Wall Paper Co. will build a $50,000 fireproof addition to their Yonge street factory.— —The Board of Control are asking for tenders by Thursday, 31st inst., for erection of sheep pens at the Western Cattle Market. Plans at the office of the Property Department, City Hall. Tenders will also be received up to Tuesday, 29th inst., for construction of the following: Asphalt pavements, Westmoreland ave., from Bloor to Van Horne street, and Follis ave., from Bathurst street to Pamerston ave.; brick pavement on Osler ave., from Royce ave. to city limit; bituminous macadam pavement on Withrow ave., from Broadview to Logan ave.; sewers on portions of Avenue road, Clinton street and Farnham ave., also a number of concrete sidewalks.

WINNIPEG, MAN.—The Dominion Bridge Co., Montreal, are negotiating for the purchase of about 20 acres of land in the western part of the city on which to establish a branch. — James Ballantyne, of Montreal, has purchased a lot near the Pembina branch of the C.P.R. between Notre Dame and Portage avenue and intends establishing modern manufacturing and retail plumbing stores.—J. H. G. Russell, architect, is this week taking tenders for erection of a pair of frame houses on stone foundations on Ross street for Mrs. Vankleek. —C. J. Brown, City Clerk, desires tenders by 25th inst. for furniture for the Carnegie library. Information on application to J. H. McCarthy, Librarian.— The Winnipeg Paint & Glass Co. have purchased 100 feet of property on Wardlow ave.—The Department of Marine and Fisheries, Ottawa, are asking for tenders up to 31st inst. for construction of a lighthouse and outbuildings on George Island, Lake Winnipeg. Plans at post office.— William Lyall, of P. Lyall & Sons, contractors, Montreal, has purchased property on Main street, near the Canadian Northern Railway terminal site, and is understood to have in view the erection of a 10-storey hotel, costing about $750,000.—It is said that the Canadian Pacific Railway Company have had plans prepared for a palatial summer hotel to be built at Winnipeg Beach early next spring.— The local medical fraternity have decided upon plans to secure a modern health resort near this city. The scheme involves the expenditure of $100,000 in the erection of buildings and other improvements on the Assinboine river near Holland.—Tenants of the McIntyre block have been notified of the intention of the management to add three stories to the building. — E. J. Rochan has sold to Eastern capitalists the entire Main street frontage from Water to Notre Dame, and it is understood that a large business block will be erected on the site.—The Fire, Water and Light Committee have decided to employ an expert to report on the cost of a gas plant for the city.—Northwood, Noffke & Chivers, architects, have just taken tenders on making alterations and adding two stories to the building on southwest corner of Portage avenue and Fort street.—The City Electrician has recommended the erection of a new power house. — C. P. R. officials are understood to have under consideration the adoption of electricity as the motive power for the line between Fort William and Winnipeg. Ample water power could be obtained from the Winnipeg River and Kakabeka Falls.—The building on the corner of Portage ave. and Fort street formerly occupied by the Molsons Bank has been purchased by the Northern Bank of Winnipeg and will be rebuilt. Two stories will be added.—The Bank of Hamilton have purchased property adjoining their building on McDermott street and intend building an addition.— A. & W. Melville, architects, are taking tenders up to 26th inst., for erection of a brick and stone theatre on Albert street for Nash & Burrows.—James Chisholm is taking tenders for hot water heating plants for a terrace.—E. H. Briggs & Co, broom manufacturers, who are now building a warehouse on Henry ave., will erect a factory next year.—The proprietors of the Nairn Place have deeded a part of their property for the erection of a

J. HARVEY

CONTRACTOR

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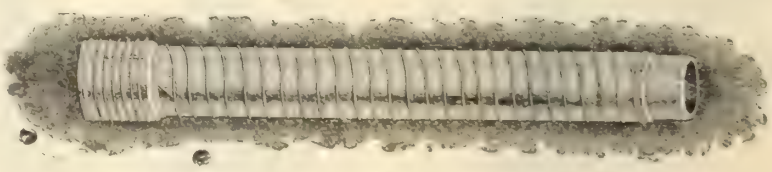

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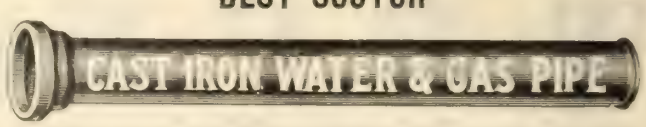

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MILLER BROS. & TOMS
MONTREAL

German church and school.—J.H.Agnew, Provincial Treasurer, will receive bids up to September 15th for purchase of $150,000 4 per cent. debentures.

CONTRACTS AWARDED.

WINNIPEG, MAN.—Warehouse for J. W. Guest Fish Co.: William Grace & Co., contractors.

PETROLIA, ONT.—Repair of Simpson drain: Richard Fleming, successtul tenderer, $1,574.

NANAIMO, B.C.—Wharf for the Hurst Estate: Ironside, Rannie & Campbell, Vancouver, contractors.

ORMSTOWN, QUE.—R. T. Walsh & Son have been awarded the contract for lighting the streets by electricity.

CHATHAM, ONT.—Residence for C. Austin: J.L. Wilson & Son, architects; W. M. Drader, contractor.

AVONMORE, ONT.—Construction of Steel-Hough drain: Angus R. McLennan, of Cornwall, successtul tenderer, $1,683-57.

VICTORIA, B. C.—Rectory on Esquimalt street for Rev. C.E. Cooper: Thomas D. Sedger, architect; Thomas Ashe, contractor.

NEW WESTMINSTER, B. C.—Plumbing and heating of additions to Columbia College: Hardman & Bryson, successful tenderers.

BERLIN, ONT.—The Light Commission have let the contract for a producer gas plant to D. R. Wood & Co., of Philadelphia.

PORT ELGIN, N.B.—Erection of new school house: Courtney Rayworth, contractor; 42 × 70 feet, two stories, cost about $5,000.

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C. E. and M. E.
CONSULTING ENGINEER and EXPERT

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EDMONTON, N. W. T.—Buildings for Canadian Northern Railway: Depot, Mr. Brown, Winnipeg; roundhouse, Smith & Sharpe, Winnipeg.

MEDICINE HAT, N. W. T.—C. P. R. station: James Diarmid, of Winnipeg, successful tenderer; brick, two stories, 104x32 feet, cost $20,000.

SARNIA, ONT. — The Waterworks Committee have awarded the contract for boilers and steel lined well to John Inglis Co., Toronto, at $4,753.

ST. THOMAS, ONT. — Addition to residence of G. N. Ingram, Wellington street: McKee & Duncan, architects, Balsdon & Blewett, contractors.

BURK'S FALLS, ONT.—Woodworking factory for Knight Bros. Co.: Moses Knight, of Bradford, contractor; 146x62 feet, concrete walls, flat fireproof roof.

LEVIS, QUE. — Joseph Gosselin, of this place, has received the contract for construction of piers for proposed I.C.R. bridges at St. Leonard Junction and Mitchell; estimated cost, $180,000.

BROCKVILLE, ONT. — The James Smart Manufacturing Co., this city, have secured contracts for heating public schools at Elkhorn and Wawanesa, Man., and the Caroline street school at Hamilton, Ont.

INGERSOLL, ONT.—Building for Ingersoll Nut Co.: Stewart McPhee, Hamilton, architect; Nagle & Mills, this town, contractors, $9,250. Main building will be one storey, 50 × 154 feet, with engine and boiler rooms attached.

VANCOUVER, B. C. — Two-storey brick and stone building on Pender street for Harvey Hadden: Crowe & Wilson, contractors.—Erection of school in Fairview: J.N. McLuckie, successtul tenderer, about $46,000. E. E. Blackmore is the architect.

MONTREAL, QUE. — The Western Canada Milling Co. have let the contract for flour mill and grain elevator to James Stewart & Co., Pittsburg. Buildings will be of concrete and steel and will cost upwards of $500,000.—It is reported that the contract for the construction of the Grand Trunk Pacific railway from Winnipeg to the Pacific Coast, and branch lines from Fort William to Lake Superior Junction, has been awarded to the National Construction Co.

NIAGARA FALLS, ONT. — Tenders for Section 17 of the sewerage system

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were received as follows: [illegible] Lumsden, $[illegible] and $[illegible] for rock; [illegible] & Ward, $[illegible] and $[illegible] for rock; [illegible] & Brown, $[illegible] and $[illegible] for rock; [illegible] McMurray, $3,867 and $4.50 for rock; Longley & Cook, $[illegible] and $[illegible] for rock. Longley & Cook have been awarded the contract, their figures totalling $4,606.72.—1,000 feet of fire hose for the town [illegible] Gutta Percha & Rubber Manufacturing Co., Toronto, successful tenderers, 90 cents per foot.

PETERBORO, ONT.—For purchase of $20,000 County debentures, tenders were received as follows: H. O'Hara, of Toronto, with accrued interest, $20,265, (accepted); Dominion Securities Co., $20,253; E. H. Guy & Co., Montreal, $20,253; Hanson Bros., Montreal, $20,202; Brouse, Mitchell Co., accrued interest, $20,200; Canadian Securities, Toronto, accrued interest, $20,156; William C. Brent, accrued interest, $20,118; N. W. Harris & Co., Chicago, accrued interest, $20,108; Wood, Gundy Co., Toronto, accrued interest, $20,039; J. A. Stinson & Co., Toronto, accrued interest, $20,011; Amelius Jarvis & Co., Toronto, accrued interest, $19,811.

TORONTO, ONT. — The Board of Control last week awarded the following contracts for pavements, etc.: Bitulithic—Frederick street, King to Duke, $2,455, to City Engineer. Asphalt — D'Arcy street, McCaul to Spadina, $6,265, Constructing & Paving Co. Macadam—Teraulay street, Albert to College, $5,639; Edward street, Yonge to University, $3,063, City Engineer. Sewers—Millicent street, Dufferin to west end, $2,495; Gladstone avenue, 168 feet south of College to 140 feet further south, $253; Gladstone avenue, College to 150 feet north, $280, all to City Engineer. Concrete walks—To Ontario Concrete Paving Co., Audley avenue, north side, Pape to 305 feet east, 95 cents per lineal foot; Dagmar avenue, south side, Pape to 275 feet east, 93½ cents; Esplanade street, north side, Jarvis to Berkeley streets, 77 cents; Gerrard street, south side, Victoria to O'Keefe's lane, 74 cents; Victoria street, west side, Gould to Gerrard, $1. To W. R. Payne, West avenue, east side, First to South, 47 cents. To the Queen City Paving Co., Baden place, south side, McMurrich to Sarah, 80 cents. To City Engineer, Dupont street, north side, Bathurst to Albany, 95 cents; Morley avenue, east side, Queen to Eastern, 79 cents; Reid's lane, west side, Wilton to 112 feet south, $1.03; Virtue street, south side, Sorauren to 305 feet east, 40 cents; Wilton crescent, south side, Sherbourne to 193 feet west of Pembroke street, $1.06.—The contract for extension of Toronto breakwater has been let to M. J. Haney and Roger Miller.

NEW COMPANIES.

St. Lawrence Supply Company, Limited, Montreal, incorporated, capital $20,000, to carry on business as machinists and engineers. Incorporators, W.A. McKay, J. G. Veith, and others.

N. J. Holden Company, Limited, Montreal, incorporated, capital $200,000, to manufacture railway, freight and passenger cars and contract for the building of railways. Incorporators, Lewis Johnson, William Palmer, P. A. Masse, of Montreal, and others.

Morden Stone Company, Winnipeg, incorporated, capital $250,000, to manufacture and deal in stone, brick, lime, cement, etc. Incorporators, William H. Rourke, Thomas Kelly, George A. Mitchell, Martin Kelly, and Michael Kelly.

Randolph Macdonald Company, Three Rivers, Que., incorporated, capital $100,000, to acquire the business of Randolph Macdonald, contractor. Incorporators, Randolph Macdonald, Toronto; W. R. Macdonald, Three Rivers; A. Stephen, C.E., Collingwood, W. H. Morrow, Three Rivers, and Michael McAndrew, St. Catharines.

Electrical Supply Company, Limited, Moncton, N.B. incorporated, capital $30,000, to manufacture electrical devices invented by Austin Berry, of Ottawa. Incorporators, G. R. Jones, J. S. Magee, Daniel McCuaig, George McSweeney and E. A. Reilly, all of Moncton.

Gore Bay Brick & Tile Manufacturing Company, Limited, Gore Bay, Ont., incorporated, capital $3,000. Directors, R. R. McKessock, R. J. Porter, J. W. Jackson, R. J. Armstrong and William Burns.

Kerr Lake Mining Company, Limited, Toronto, incorporated, capital $40,000. Directors, Edward Steindlar, W. J. White and others.

Plumbing and Heating Supply Company, Limited, Toronto, incorporated, capital $1,00,000, to manufacture and deal in plumbers' supplies, etc. Directors, Fred Armstrong, William Mansell and David Fa.ken.

Bethesda and Stouffville Telephone Company, Limited, Stouffville, Ont., incorporated, capital $40,000. Directors, A. D. Bruce, George Forester and others.

Pembroke Rink Company, Limited, Pembroke, Ont., incorporated, capital $20,000, to construct a skating rink. Directors, Alexander Millar, R.W. Gordon and others.

New Ontario Ore Refining Company, Limited, Toronto, incorporated, capital $500,000. Directors, T. H Barton, O.F. Taylor and W. D. Barton.

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WARING-WHITE BUILDING CO. London, England

onto, incorporated, capital $40,000, to manufacture soap, oils, etc. Directors, F. N. Vanzant, Samuel Jardine and D. G. Buchanan.

Power Company, Limited, Hampton, N. B., incorporated, capital $20,000, to manufacture and sell gas engines, etc. Incorporators, J. E. March, C. J. Coster, of St. John, N.B., and others.

BUILDING IN WINNIPEG.

The Building Inspector of Winnipeg reports that he has issued 2,266 permits for 2,883 buildings, at an aggregate cost of $8,333,850. The following comparison was included in the report, the figures in each case being taken up to August 12:

Year.	Permits.	Buildings.	Cost.
1900....	335	413	$ 914,159
1901....	455	598	1,397,500
1902....	624	742	1,836,450
1903....	783	1,029	3,813,350
1904....	1,221	1,613	6,980,400
1905....	2,266	2,883	8,333,850

Berthiaume & Pepin have registered as plumbers in Montreal.

O. Dion and V. Blair have registered as masonry contractors in Montreal under the name of Blair & Dion.

L. D. Macoun, of Ottawa, has been appointed attorney for the Ottawa Cement Block Company, Limited.

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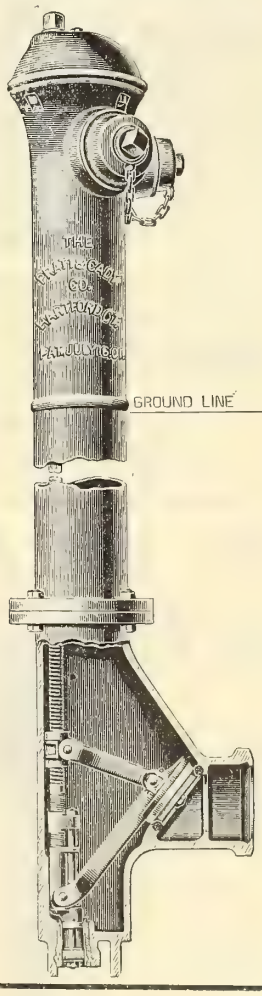

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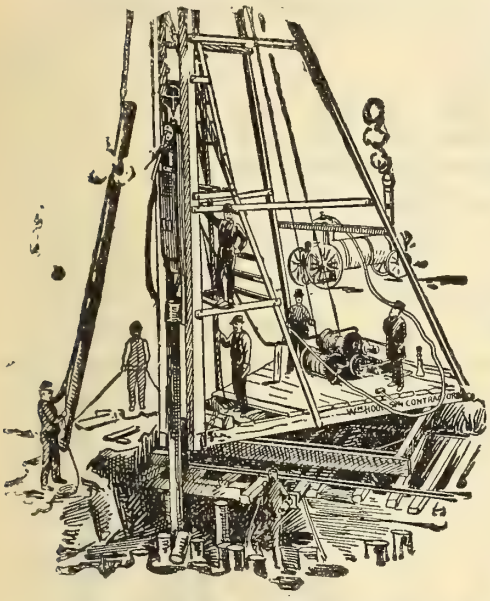

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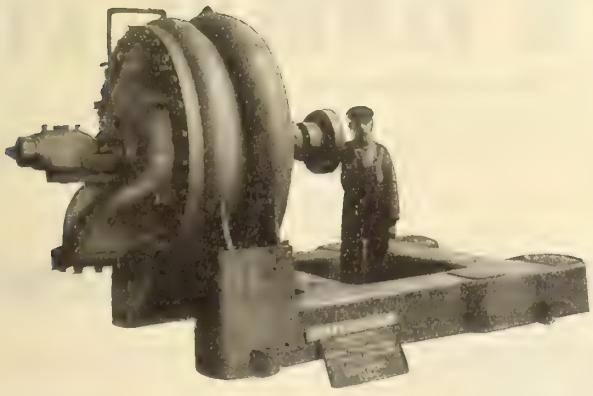

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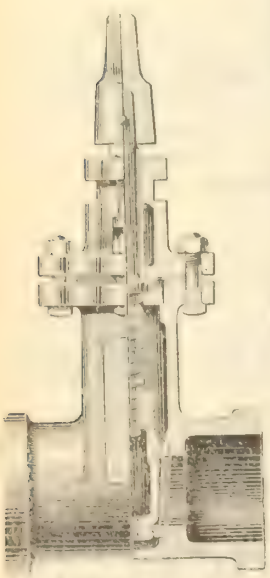
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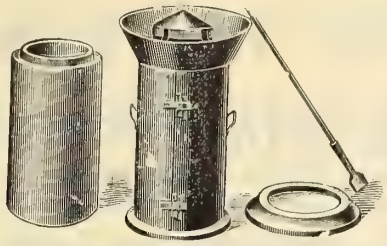
Dyckerhoff	2 65	2 75		2 40
Hercules	2 25	2 35		2 1



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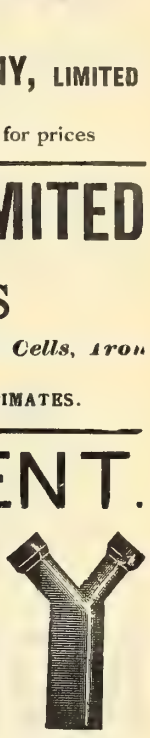

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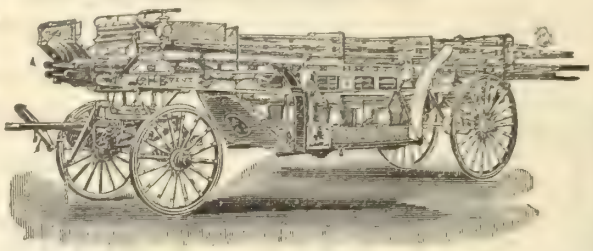

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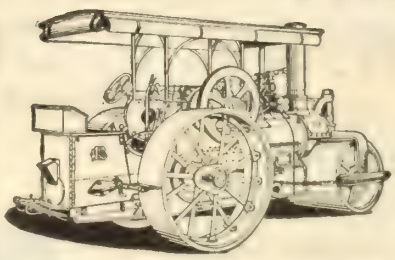

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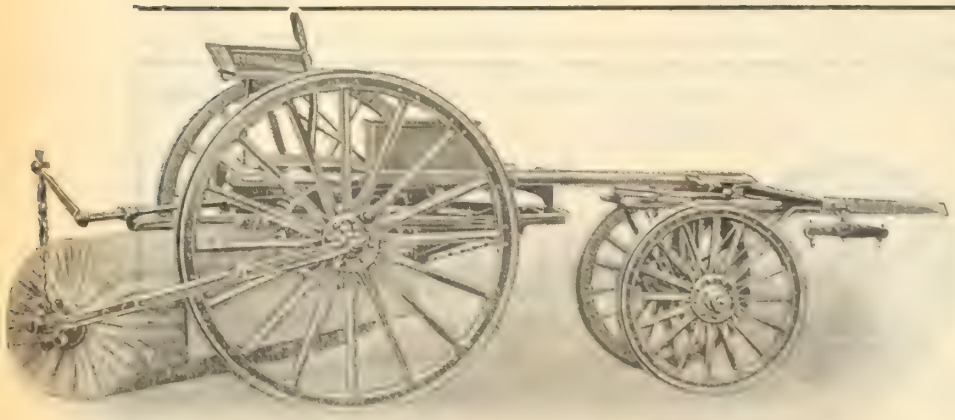

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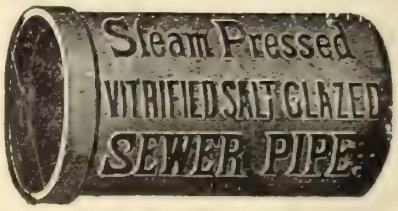

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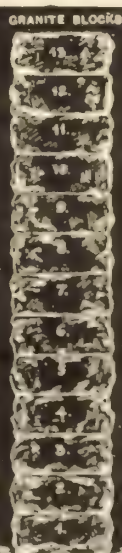

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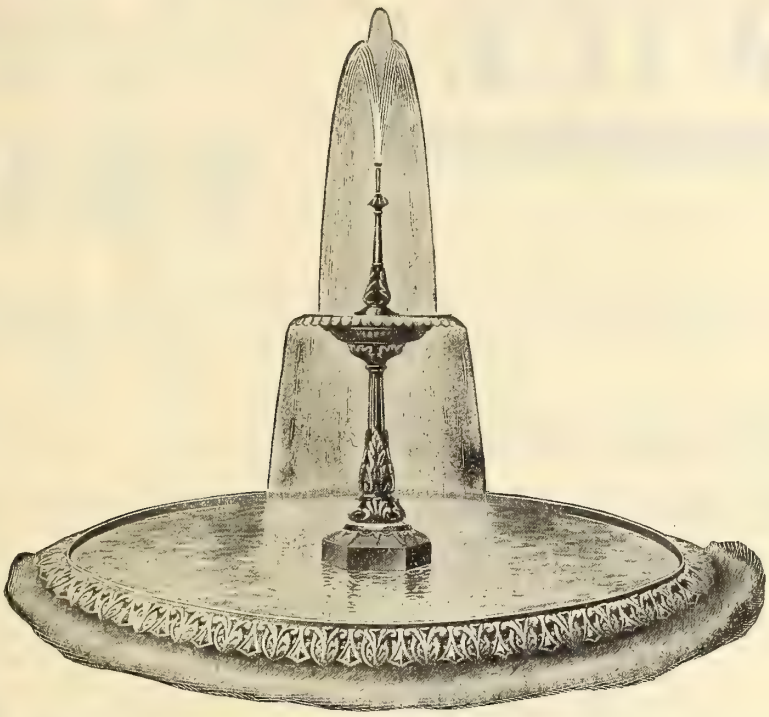

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CANADIAN

Contract Record

A Weekly Journal of Public Works, Tenders, Advance Information and Municipal Progress

This Paper Reaches Every Week the Town and City Clerks, Town and City Engineers, County Clerks and County Engineers, Purchasers of Municipal Debentures and Leading Contractors in All Lines Throughout Canada

VOL. 16. TORONTO, MONTREAL — AUGUST 30, 1905 — WINNIPEG, VANCOUVER No. 26

THE CANADIAN CONTRACT RECORD
PUBLISHED EVERY WEDNESDAY
As an Intermediate Edition of the Canadian Architect and Builder.

THE C. H. MORTIMER PUBLISHING COMPANY
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TENDERS

for Excavating and raising of a 6 in. water main and the replacing with a main as per dimensions given below, with all connections complete as per specifications, on George street in the Town of Sarnia, will be received by the undersigned up to 6 o'clock in the evening of MONDAY, SEPTEMBER 11TH, 1905. Lowest or any tender not necessarily accepted.

About 450 feet of 20 in. main.
800 " 18 "
800 " 16 "
614 " 14 "

All particulars may be had on addressing

ALBERT J. JOHNSTON,
Secretary Waterworks Extension Com.

TOWN OF SUDBURY

Waterworks and Sewer Extension

Sealed tenders, marked "Tender for Waterworks, etc." on the envelopes, and on form supplied by the Town Clerk, will be received by the undersigned up to six o'clock, p. m., SEPTEMBER 4TH, 1905, for all material and labor necessary to construct the following, namely:

1st—Sewers:
5000 ft. 6 ins. 2600 ft. 8 ins.
1620 ft. 9 ins. 1420 ft. 10 ins.

2nd—Waterworks Extension and Hydrants:—
2000 ft. 6 ins.
2500 ft. 4 ins.

Plans and specifications are on file and may be seen at the Town Clerk's office, Sudbury, Ont.

Each tender must be accompanied by an accepted cheque, payable to L. O'Connor, Esq., Mayor of Sudbury, for 5 per cent. of the amount of the bid, which will be subject to forfeiture in case of failure on the part of the contractor to enter into a written contract with approved sureties if called upon to do so.

The town reserves the right to reject any or all tenders

Cheques will be returned to unsuccessful bidders.

STEPHEN FOURNIER,
Town Clerk.

Sudbury, Ont August 19th, 1905.

TO CONTRACTORS

Whole and separate tenders will be received by the undersigned for the erection of a Town Hall in the Town of Qu'Appelle, Sask.

Tenders for basement will be received up till September 6th, 1905.

Tenders for the superstructure from the different trades, Brick work, Carpenter work, Plastering, and Painting, will be received up till September 13th, 1905.

Plans and specifications may be seen at the office of the Secretary Treasurer, or at the offices of W. M. Dodd, Architect, Regina, Sask., and Calgary, Alta.

The lowest or any tender not necessarily accepted.

J. C. STARR, Secretary-Treasurer,
Town of Qu'Appelle, Sask.

DEBENTURES

Sealed tenders, addressed to undersigned, will be received up to noon of MONDAY, SEPTEMBER 11TH, 1905, for the following Debentures of the City of Niagara Falls, namely:—

$6,962.62 Twenty years 5 per cent., issued for permanent walk purposes, dated August 15th, 1905.

$10,022.37 Thirty years 5 per cent., issued for Sewer purposes, dated August 15th, 1905.

Said Debentures—principal and interest are payable at the City Treasurer's office, Niagara Falls, Canada, annually.

Purchasers to pay accrued interest from August 15th, 1905.

Further particulars can be obtained on application.

Highest or any tender not necessarily accepted.

JOHN ROBINSON, City Clerk.
Niagara Falls, Canada, August 22nd, 1905.

CONTRACTS OPEN.

PORT HOPE, ONT.—John Curtis intends building a new storehouse.

PEMBROKE, ONT. — The Council are about to construct a 6-inch tile sewer.

MAXVILLE, ONT.—A company is being formed to rebuild the flour mill.

ROCKWOOD, ONT.—Edwin Harvey is preparing to build four dwellings.

VIRDEN, MAN.—H. C. Simpson contemplates erecting a large block next year

HUMBERSTONE, ONT. — C. E. Steele is preparing plans for a waterworks system here.

KEEWATIN, ONT.—A. T. Fife & Co. will erect a building on the old town hall site.

BURFORD, ONT.—The armory building will be erected on the site offered by the village.

NORTH BAY, ONT.—The Dominion Government have purchased a site for a post office.

HULL, QUE.—The city will shortly place on the market $45,000 of debentures.

CARMAN, MAN.—Albert Doyle intends building a brick warehouse on Villard ave.

RENFREW, ONT.—James Young will erect a summer hotel at Norway Bay next summer.

CALGARY, N. W. T.—Architects are requested to submit plans for a new school to cost about $50,000.

BRANDON, MAN.—D. A. Hooper will erect a brick store building on corner of Tenth street and Lorne ave.

BRACEBRIDGE, ONT.—Walter E. Thorneloe, barrister, is taking tenders on alterations to block on Main street.

SYDNEY MINES, N.S.—The town is considering the purchase of the Beach Hill property as a site for a hospital.

ARNPRIOR, ONT.—Steps are being taken to organize a company with a capital of $45,000 to erect a flour mill and elevator.

MONCTON, N. B.—The erection of a nurse's home in connection with the hospital, to cost $3,000, is under consideration.

HARRISTON, ONT.—J.E. Cave has asked for a loan of $10,000 from the village to assist in establishing a stove foundry.

OSHAWA, ONT.—Thomas Morris, Town Clerk, desires tenders by September 3rd for construction of granolithic sidewalks.

MELITA, MAN.—Bids will be received by T. S. Menray up to September 11th for purchase of $7,000 5 per cent. school debentures.

KINGSTON, ONT.—H. B. R. Craig, City Engineer, will receive tenders up to August 31st for roofing and other repairs to the House of Industry.

BROCKVILLE, ONT.—B. Dillon, architect, wants tenders by 31st inst. for erection of addition to Semi-Ready Clothing Store for Samuel Flint.

MAISONNEUVE, QUE.—The Council have purchased property at the corner of Ontario street and Desjardins ave. on which to erect a fire station.

SELKIRK, MAN. — The Northern Iron Works Co., of Winnipeg, have submitted a proposition to remove their works to this place.

RAPID CITY, MAN. — The ratepayers rejected the by-law to borrow $15,000 for erection of a town hall and other improvements.

WIARTON, ONT.—It is probable that the town will engage an engineer to report on the development of the Sauble Falls water power.

PICTON, ONT. — Willis Chipman, C.E., Toronto, was here last week making an estimate of the cost of extending the waterworks system.

QU'APPELLE, N.W.T.—J. C. Starr will receive tenders up to September 6th for erection of a town hall. Plans by W. M. Dodd, architect, Regina.

ARMOW, ONT. — R. B. Campbell, Clerk Kincardine township, desires bids

by September 1st for purchase of $4,600 4½ per cent. debentures.

WALKERVILLE, ONT.—The Grand Trunk Railway have bought a block of land and will at once erect a new passenger station and freight sheds.

FORT WILLIAM, ONT.—J.Y.Griffin & Co., of Winnipeg, intend building a brick warehouse here.—The C.P.R. intend making improvements to elevator D.

NEWMARKET, ONT. — Bids requested by J. E. Hughes, Town Clerk, up to September 1st., for $6,000 4½ per cent. and $4,000 4 per cent. debentures.

RAINY RIVER, ONT.—A. G. LeVassear, architect, of International Falls, Minn., is preparing plans for the new Roman Catholic church to be built here.

STRATFORD, ONT. — J. W. Siddall, architect, of Toronto, is preparing plans for the new building to be erected by the Dominion Thread Mills, Limited.

PILOT MOUND, MAN.—The ratepayers have decided to build a new school to cost about $14,000, from plans by J. H. G. Russell, architect, Winnipeg.

MONCTON, N.B.—The question of constructing an asphalt block pavement on Hastings street, at an approximate cost of $2.60 per yard, is under consideration.

HALIFAX, N. S.—The Eastern Telephone Co. have under consideration the extension of their system from Whycocomagh to Port Hood, Mabou and Inverness.

PICTOU, N.S.—A public meeting will be held on September 5th to obtain the views of the ratepayers in regard to duplicating the electric light plant, at a probable cost of $8,000.

PORT ARTHUR, ONT.—Engineer Duncan is preparing plans for the construction of a dam at the outlet of Hazelwood Creek and the city will shortly ask for tenders for the work.

THREE RIVERS, QUE.—The City Council have decided to give a bonus of $3,000 per mile for the construction of a railway to Shawinigan Falls, to be completed by the end of next year.

VICTORIA, B.C.—The City Council have decided to proceed at once with the necessary legal formalities to secure to the city the water from Goldstream, Niagara and Arbutus canyons.

DUNNVILLE, ONT.—W. J. Aikens desires tenders by September 1st. for building a three-storey brick block consisting of three stores and a hotel. Plans by G. W. Hall, architect, Brantford.

HARROW, ONT. — Joseph Drummond, Township Clerk, will receive tenders up to September 2nd for cleaning out and improving the Richmond drain, also for the construction of the Olsen drain.

ORILLIA, ONT. — The tenders on the revised plans for a Y.M.C.A. building were opened last week but no contract was awarded owing to the fact that the figures are still beyond the appropriation.

PORT COLBORNE, ONT. — The Department of Public Works, Ottawa, will receive tenders up to 31st inst. for supply of stone for breakwater here. Cheque for $5,000 to accompany each tender.

PORTAGE LA PRAIRIE, MAN.—Local capitalists have decided to erect a modern hotel here, to cost about $50,000. The site will be on Saskatchewan ave. and the building will be three stories, of white brick.

NEEPAWA, MAN.—G. H. Archibald, C.E., Winnipeg, has reported that the White Mud river water power could not be used for commercial purposes but would be suitable for an extension of the municipal power plant.

OWEN SOUND, ONT.—The Board of Education have requested the Town Council to raise $10,000 by debentures for an addition to the Collegiate Institute. —The Eaton Bros. Brewing Co. are building an addition to their brewery.

ST. JOHNS, NFLD. — The Newfoundland Hotels, Limited, has been formed by Sir R. Bond, Hon. E. R. Browning and others, to build a large hotel. A site has been chosen and building operations will be commenced at once.

NAPINKA, MAN.—Tenders will be received by V. E. D. Castleman up to September 4th for erection of brick veneered building 30 × 70 feet, two stories and basement, for the Merchants Bank of Canada. Plans by W. A. Elliott, architect, Brandon.

WINCHESTER, ONT. — Dunn & Fullerton, engineers, will receive tenders up to September 2nd for deepening and widening the Summers drain, also up to September 9th for construction of the Allen drain in the township of Mountain, nearly 60,000 cubic yards of excavation.

TORONTO JUNCTION, ONT.—C. M. Cutts & Co. have been granted a permit to build two stores and dwellings on Dundas street, cost $15,000.—Gunn Bros. have definitely decided to proceed with the erection of their abattoir, probable cost $200,000.—The Levack Abattoir Co. expect to begin building operations very shortly.

OTTAWA, ONT.—The Department of Public Works invites tenders up to September 12th for construction of a anding pier at Peel Head Bay, Missisquoi county, Que. Plans at offices of B. Beland, Clerk of Works, Quebec; Chas. Desjardins, Clerk of Works, Montreal, and on application to the Postmaster at Ste. Sebastian and Clarenceville, Que.

HAMILTON, ONT.—Chas. Mills, architect, will let contracts immediately for alterations to the Bank of Hamilton building, corner King and James streets. —F. Hoth will build a brick residence on Melbourne street, between Locke and Garth streets, cost $1,300.—The Dominion Government are considering the advisability of building two light-houses at the Beach piers.

FREDERICTON, N.B.—The Department of Public Works will shortly let contracts for the masonry piers for two steel bridges.—C. H. LaBillois, Commissioner of Public Works, will receive tenders up to September 11th, for rebuilding Coal Creek Mouth bridge in Queen's county, and up to September 18th for rebuilding Armstrong's Point highwater wharf in Johnston parish, Queen's county.

PETERBORO, ONT.—The Chemong Yacht Club has been organized here and will build a club house, plans for which are now being prepared by Belcher & Heathcote. R. M Dennistoun is commodore.—M. A. McNamara has purchased property on Smith street, east of Water street, on which he will build a brick terrace.—W. C. P. Heathcote has completed the surveys for the proposed street railway line to Young's Point. The probable cost of the work is $250,000.

ST. JOHN, N.B.—James L. McAvity has decided to postpone the building of his new stone foundry until next spring. —The Department of Public Works, Ottawa, are taking new tenders up to September 5th for dredging at Sand Point.—It is understood that the Dominion Government will take steps in the near future to build the new drill hall in this city.

EDMONTON, N.W.T. — By-laws were carried here last week to provide for cement sidewalks, improvements to electric light plant, improvements to fire hall and erection of Isolation hospital. The by-law to exempt the Alberta Milling Co. from taxation was defeated.—The Hospital Board have decided to build only the foundation of the new hospital this fall.

MONTREAL, QUE.—Tenders for postal station B, in this city, are invited by the Department of Public Works, Ottawa, up to September 8. Plans at office of Maurice Perrault, architect.—The Dominion Government are about to rebuild a portion of the wharf at Lachine —The lowest tender for erection of bat. in Hochelaga Ward is $13,953, which ih much in excess of the appropriation. Ts Lessard has consequently submitted an. offes to furnish plans and build a bath for $9,900.

ST. CATHARINES, ONT. — The route for the St. Catharines, Fonthill, Welland and Port Colborne branch of the Toronto and Niagara electric railway has been located through Welland. A bridge will be built over the Welland river.—Messrs. Dunn and Middlemas, of the St. Catharines, Niagara and Queenston Electric Railway Co., were here last week in company with English capitalists and it is understood that arrangements were made for the construction of proposed road.

FORT FRANCES, ONT. —An expert has reported that an electric light plant can be installed for lighting the town for about $8,000.—Local capitalists have commenced the erection of a large hotel on the corner of Front and Church streets, James Tierney having the contract for excavation.—W. R. Emery will shortly build a brick veneer residence on corner of Central ave. and Third street, to cost $3,000.—L. Christie has decided not to build his block this year.—Tenders have been taken for the new hospital to be built by the Sisters of the Order of Benedict, Duluth; estimated cost, $30,000.

LONDON, ONT.—It is reported that the Southwestern Traction Co. intend extending their electric railway to Hamilton.—It is understood that a company is being formed to submit a proposition to the City Council for the establishment of a garbage system.—The following building permits were granted last week: Charles A. W. Millar, 2-storey cement-block residence on Emery street; T. Taff, 1½-storey brick residence on Pall Mall street.—Tenders for raising the embankment on Douglas ave. will be received by A. O. Graydon, City Engineer, up to 31st inst.—It is understood that the Southwestern Traction Co. have made surveys for a bridge over the river at Richmond street.

BRANTFORD, ONT.—It is understood that the Grant Milling Co. intend to rebuild the elevator recently destroyed by fire.—The Canada Glue Co. will complete their proposed factory as soon as possible.—Mr. Quinlan intends to remodel his livery stable.—J. T. Burrows purposes building a new stable.—R. Fuller has been granted a permit for a brick residence on Hawarden ave., cost $1,675.—William Morrison will erect two brick residences on Clarence street, cost $1,500 each.—Fred Corey purposes building a large store and residence on property recently acquired on the corner of Murray and Colborne streets.—The Brantford Screw Co. intend extending their premises.

VANCOUVER, B.C. — The City Council have received proposals from four firms for the erection of the proposed public abattoir, these being Carstens Packing Co., Tacoma, Wash., Frye-Bruhn Co., Seattle, Wash., P. Burns & Co., Vancouver, and the B.C. Market & Meat Co., Vancouver.—Last week building permits were issued involving an expenditure of $106,950. A. Grossman has

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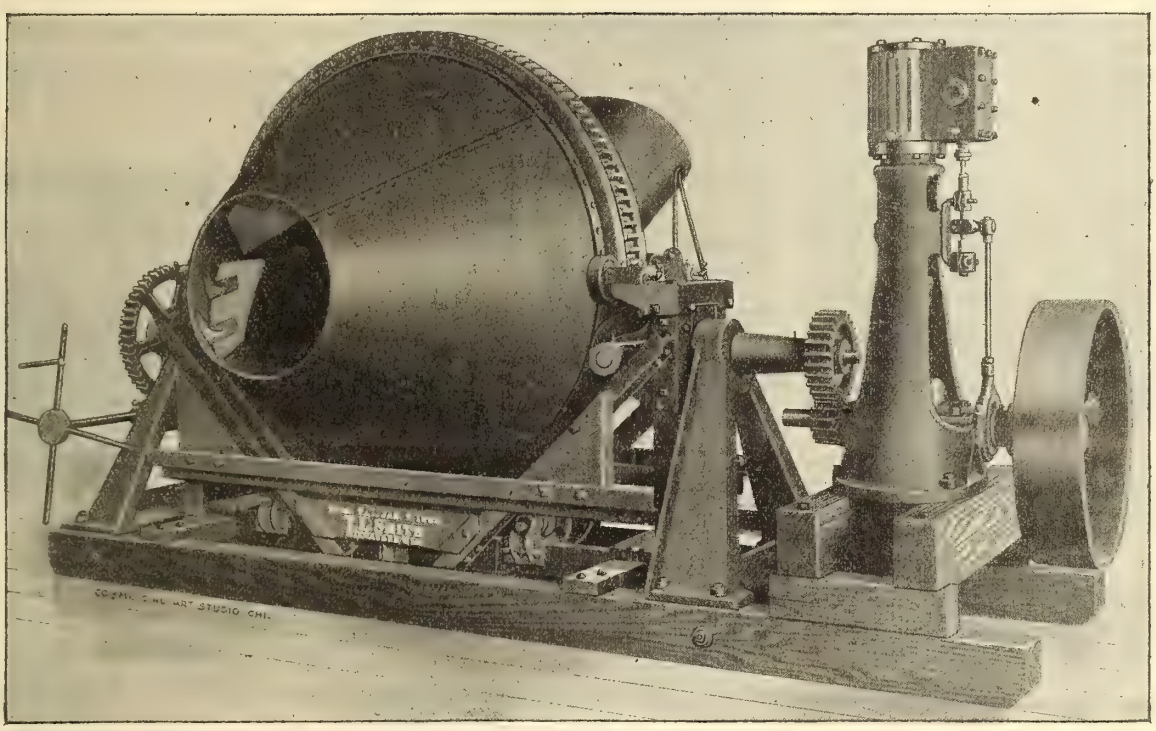

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purchased a lot on south side of Water street and intends erecting a substantial structure.—Hermon & Burwell will make surveys, etc., for the proposed widening of Westminster ave. bridge. Competitive plans for the bridge may be invited.—The C. P. R. are asking for tenders up to August 31st for erection of a large freight shed and a three-storey Chinese detention shed.—W. A. Shaw has purchased the Strand Hotel and intends making extensive improvements.—A. M. Forbes & Co. will build a store on Granville street, cost $5,400.—A shoe factory will be built on Howe street by J. Leckie & Co., cost $4,500.

WINNIPEG, MAN.—The time for receiving tenders for the new civic building has been extended to August 31st.—The Western Canada Cement & Coal Co., an English concern, purpose erecting a cement factory at Kananaski, Alberta, also several hundred grain elevators throughout the Northwest.—The directors of the Canada Life Assurance Co. intend, in the near future, to tear down the present building on Portage ave. and Main street and erect a mammoth block on the site.—Hooper & Walker, architects, are taking tenders up to Thursday, 31st inst., for frame residence on stone foundation.—The Westminster apartment block on corner of Donald street and Ellice ave. has been purchased by Robert Scott, who intends making extensive improvements and adding probably three stories.—H. B. Pugh, architect, is taking tenders up to September 5th for the erection of one-storey addition to Y.M.C.A. building.—C. J. Brown, City Clerk, will receive tenders up to Tuesday, September 12th for supply of five hundred enamelled street name plates.

TORONTO, ONT. — The Winton Automobile Co., Cleveland, Ohio, have purchased the property on the south-east corner of Richmond and Victoria streets and will build thereon a three-storey automobile garage and repair shop.—J. Simpson & Sons are about to erect a five-storey brick knitting factory at 8 Berkeley street.—Workmen are now engaged in clearing the site on Front street on which the proposed Union depot is to be erected.—The Ontario Government are asking for new tenders, up to September 5th, for erection of an implement building and two cottages at the Agricultural College, Guelph. The appropriation for the former is $25,000 and for the latter $3,000.—The Board of Control are asking for tenders up to October 3rd for lighting the streets of the city for a period of five or ten years.—John S. Fielding, C. E., of this city, has made several surveys in Western Ontario for the development of water power propositions, further particulars of which will be given later.—A resident of the Island has promised to give $1,000 towards the erection of a permanent church building at Hanlan's Point.—The receiver of the Central Ontario Railway has been granted leave to spend $25,000 on construction work to effect a junction with the Canada Atlantic Railway at Whitney.—Building permits have been granted as follows: Jas. Nash, two-storey roughcast dwelling, n.s. Woolsey ave., near Logan, $1,050; J. R. Fullarton, alterations to dwelling, Balmoral ave., $3,000; Trustees College Street Methodist church, two-storey brick Sunday school, corner College street and Sheridan ave., $20,000; A. F. Saunders, two-storey brick dwelling, 350 Concord ave., $2,000; J. A. Aberdeen, three pair two-storey and attic brick dwellings, 210 to 220 Broadview ave., $12,000; J. A. Matthewson, two-storey and attic brick dwelling, 218 Deleware ave., $3,000; W. Stark and W. Black, pair two-storey brick dwellings, Walmer road, near Dupont street, $7,000; W. D. Michall, two and a half storey brick residence, Palmerston Boulevard, $4,000; R. L. Davey, two-storey brick store and dwelling, s.s. Queen street, near Gwynne ave., $6,000; A. Cornwall, three pair two-storey brick dwellings, s.w. corner Dupont and Albany ave., $9,000; Dominion Reality Company, four-storey brick and stone banking offices, east side Yonge street, near Queen, $50,000; M. Murray, pair two-storey roughcast dwellings, Palmerston ave., $3,000.

CONTRACTS AWARDED.

LANARK, ONT.—$2,158 debentures: W. C. Brent, Toronto, purchaser, $2,193.

TORONTO, ONT. — Alterations to Custom House: Carlyle Construction Co., contractors.

FORT FRANCES, ONT.—Residence for C. T. Eurat: Thompson & Emery, contractors.

OTTAWA, ONT.—Alterations and additions to Rideau Hall: J. & C. Low, successful tenderers.

ST. CATHARINES, ONT. — Factory buildings for Jenckes Machine Co.; Newman Bros., contractors.

SYDNEY, N. S.—Residence for J. K.

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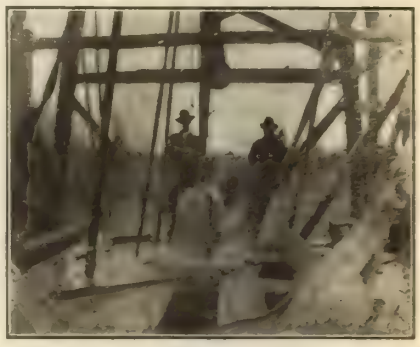

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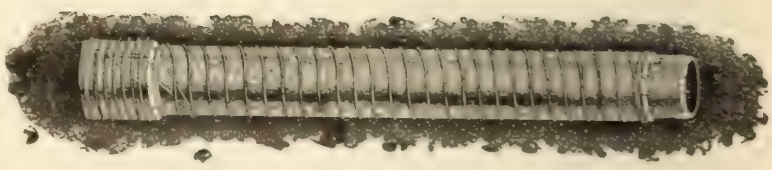

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L. Ross : Rhodes, Curry & Co., Amherst, N. S., contractors, about $25,000.

PEMBROKE, ONT.—Rink for Pembroke Rink Co. : Renfrew Manufacturing Co., Renfrew, successful tenderers.

LONDON, ONT. — Vitrified brick pavement on track allowance on Richmond street : John Geary, contractor.

NORTH BATTLEFORD, N. W. T.—Bank of Commerce building : Hoge & Thompson, of Saskatoon, contractors.

PORT HOPE, ONT.—$20,000 county debentures : H. O'Hara & Co., Toronto, purchasers, at premium of $265.

MOOSOMIN, N.W.T.—Construction of cement sidewalks : Mitton Bros., this place, successful tenderer, 20 cents per foot.

ST. THOMAS, ONT.—Skating rink on Metcalfe street : Masonry, Geo. A. Ponsfard ; carpentry, J. M. Green & Sons.

HAMILTON, ONT.—Brick stable on King street for John Reding : Robert Clochy, architect ; Wm. Bradd, contractor.

BRYSON, QUE.—Edward Conroy has secured the contract for construction of bridge here for the Dominion Government.

BELLE RIVER, ONT. — Chatham Dredging & General Contracting Co. have been awarded the contract for dredging here.

GODERICH, ONT. — Cement and steel elevator for Goderich Elevator Co. : J. H. Tromanhauser, Minneapolis, successful tenderer.

VICTORIA, B. C—Residence on St. Charles street for Joseph Wilson : J. M. Keith, architect ; F. J. Mesher, contractor, price about $7,000.

NORTH VANCOUVER, B.C.—$25,000 municipal debentures for street improvements : Bank of British North America, purchasers, 95.05.

FORT WILLIAM, ONT.—Business block on Simpson street for John Crearer, of Chicago ; F. Doherty, contractor ; 75x50 feet, two stories, brick.

LONDON, ONT.—The Southwestern Traction Co. have let the contract to the Hamilton Bridge Works Co. for two steel bridges between St. Thomas and London.

WINGHAM, ONT.—Waterworks improvements, including stand-pipe and foundations : Hunter Bridge & Boiler Co., Kincardine, successful tenderers, $5,825.

NEWMARKET, ONT.—Fire Underwriters pump and pipes and valves for waterworks system : Canada Foundry Co., Toronto, successful tenderers, $1,480.

ORMSTOWN, QUE. — New Eastern Townships Bank : Simoneau & Dion, Sherbrooke, contractors. Building will be two stories, pressed brick, sandstone trimmings, cost $12,000.

CALGARY, N.W.T.—C. P. R. freight car shops : British Columbia General Contract Co., Vancouver, contractors.—Erection of post office : Alberta Building Co., successful tenderers, about $70,000.

GUELPH, ONT.—It is now announced that David Booth, of Brockville, is the successful tenderer for erection of armories here, price about $70,000.—$103,000 city debentures : H. O'Hara & Co., Toronto, purchasers, $108,550.

BROCKVILLE, ONT. — The James Smart Manufacturing Co., this city, have secured contracts for heating St. Andrew's Presbyterian church, Peterboro, and St. Andrew's Presbyterian church, Montreal.

MOOSE JAW, N.W.T. — C.P.R. machine shops : J. McDiarmid & Co., Winnipeg, successful tenderers.— Additions to electric light plant : Engine and boiler, Robb Engineering Co., Amherst, N. S. ; electrical machinery, Allis-Chalmers-Bullock, Montreal.

STRATHCONA, N. W. T.—The following tenders were received for erection of power house : Wm. Condel, $15,336 ; J. M. Eaton, $13,693 ; W. H. Gardiner, $13,470 ; A. Dalton, $13,170 ;

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[illegible] Dennis & Mule, [illegible]; Dine Richards, $[illegible] (accepted).

[illegible]. The commissioner of Public Works has let the following contracts: Rebuilding Piccadilly bridge in Queens county, Whitman Brewer, of St. Mary's; rebuilding McFarlane bridge in Albert county and Stanley Wilson bridge in Carleton county, W. R. Fawcett, of Temperance Vale, York county.

VIRDEN, MAN.—For purchase of $25,000 municipal debentures tenders were received as follows: Geo. A. Stimson & Co., $25,505.00 and interest (accepted); J. W. Nay, $25,361.50 and interest; W. C. Brent, $25,337.00; Ontario Securities Co., $25,335.00 and interest; Canada Life, $25,313.00; National Trust, $25,573.00; Mutual Life, $25,267.05; Aemelius Jarvis & Co., $25,258.00; Ward, Grundy & Co., $25,178.00 and interest.

PRINCE ALBERT, N.W.T. — The following tenders in connection with waterworks and sewerage systems have been accepted: Sewer pipe, Macomb Sewer Pipe Co., Illinois; power house, Ittner & Spore, Prince Albert. For excavation and pipe laying the following tenders were received: Wm. Newman, Windsor, $34,390; John McLellan, $37,648; W. C. McKay, $64,800; Lemoine & Co., $45,725; Dobson, Jackson & Fry, $43,000.

VANCOUVER, B.C. — The Barber Asphalt Co. was the only tenderer for asphalting of Hastings street, price $12,980.—Kelly Bros., Winnipeg, will commence work immediately on erection of post office here.—Stewart & Welch have been awarded the contract for building about 15 miles of the Vancouver, Victoria and Esquimalt railway north of the International boundary to Keremos.—Wooden block pavement on Hastings street: Armstrong & Morrison, contractors.

ST. JOHN, N.B.—Building for the St. John Globe: G. E. Fairweather, architect; R. A. Corbett and A. L. Dodge, contractors.—Residence on Douglas ave. for A. B. Holly: F. N. Brodie, architect; Robert Green, carpenter work; B. Mooney & Sons, other trades.—The announcement has been definitely made that the contract for rebuilding the Central railway has been awarded to Brown Bros. at a price between $80,000 and $90,000. The contract includes repairs to bridges, ballasting and renewing ties and trestles.

WINNIPEG, MAN.—The city has accepted the following tenders: Ten fire alarm boxes, Bell Telephone Co.; fire hose, Canadian Rubber Co. and Winnipeg Rubber Co., 4,000 feet each.—Addition to Northern Bank building: R. Watson, contractor.—The contract for the complete construction of the Grand Trunk Pacific Railway from Portage la Prairie to Touchwood Hills, N.W.T., a distance of about 275 miles, has been awarded to the McDonald-McMillan Co., of Westbourne, Man. The contract price, which is believed to be above $3,000,000, does not include the construction of steel bridges. The successful firm is composed of D. McDonald and Alexander, Malcolm and Colin McMillan. G. H. Strevel, of this city, has secured a sub-contract for the first 50 miles west of Portage la Prairie.—Kelly & Mitchell have received a contract for erection of new building for the Bank of Toronto.

FIRES.

Saw mill of the Newville Lumber Co., Newville, N.S., totally destroyed; loss $40,000, insurance $25,000.—Grist mill of J. P. McDougall, Maxville, Ont.; loss $5,000.—Factory of the Parisian Corset Manufacturing Co., Quebec, Que., damaged to extent of $15,000.—Factory of the Chesley Chair Co., Chesley, Ont., totally destroyed; loss $35,000, insurance $24,000.—Factory of the London Box Manufacturing & Lumber Co., London, Ont., almost completely destroyed; loss $35,000. The firm will likely rebuild.—Several buildings at Fernie, B.C., including the Queen's Hotel, Baptist church, and a number of residences, were burned on the 27th inst.—Saw mill at Waterford, Ont., owned by Richard Robinson; loss $4,000.—Saw mill of Price Bros. at Metabetchuan, Que., loss $40,000.—Wash plant of the Dominion Coal Co., Glace Bay, N.S., damaged to extent of $75,000.

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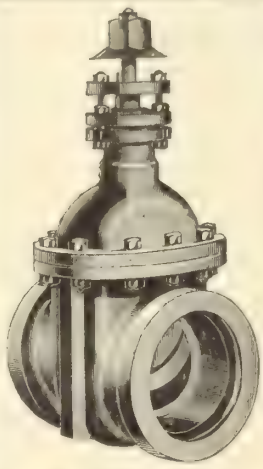

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Temiskaming Lumber & Manufacturing Company, Limited, Haileybury, Ont., incorporated, capital $500,000, to acquire timber limits, manufacture lumber and woodenware, develop water powers, etc. Incorporators, P. T. Lawlor and H. T. Graham, of Haileybury; W. D. Davidson and H. E. Howe, of Rawdon, Que., and E. D. McCallum, of Vankleek Hill, Ont.

Ottawa Sanitary Laundry Company, Limited, Ottawa, incorporated, capital $95,000. Incorporators, M. M. Pyke, Thomas Askquith, of Ottawa, and others.

The Anti-Mal de Mer Belt Company, Limited, Montreal, incorporated, capital $90,000. Incorporators, Rev. E. A. Davis, George E. Hyndman, and others.

Sucker Creek Gas & Oil Company of Anderdon, Limited, Amherstburg, Ont., incorporated, capital $250,000. Directors, J. G. Mullen, Henry Clay, and others.

New Ontario Cobalt & Silver Mining Company, Limited, Ottawa, incorporated, capital $1,000,000. Directors, Lewis Bedell, of Goshen, N. Y.; W. A. Anderson, of Ottawa, and others.

Dymond & Abitibi Mining & Development Company, Limited, New Liskeard, Ont., incorporated, capital $25,000. Directors, John Wilson, W. J. Tindall, W. J. Evans, of New Liskeard, and others.

Economic Power, Light & Heat Supply Company, Toronto, incorporated, capital $50,000, to construct works for the production and distribution of light, heat and power. Directors, J. J. Palmer, J. C. Palmer and H. N. Baird, jr.

Copper Mining & Smelting Company of Ontario, Limited, Bruce Mines, incorporated, capital $1,000,000. Directors, T. H. Sheen and J. C. Williams, of London, Eng., and others.

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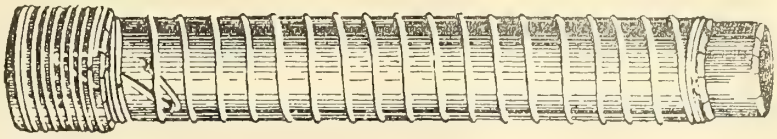

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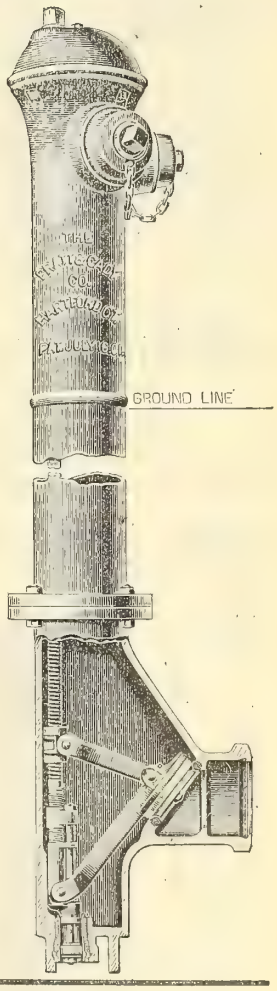

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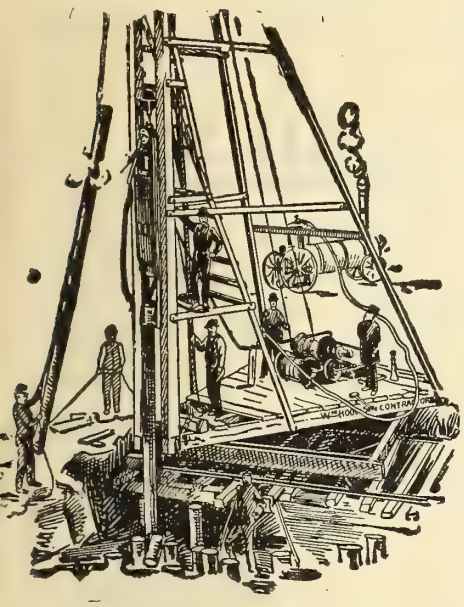

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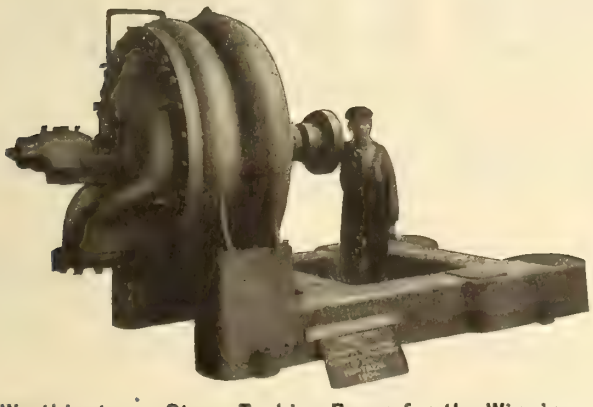

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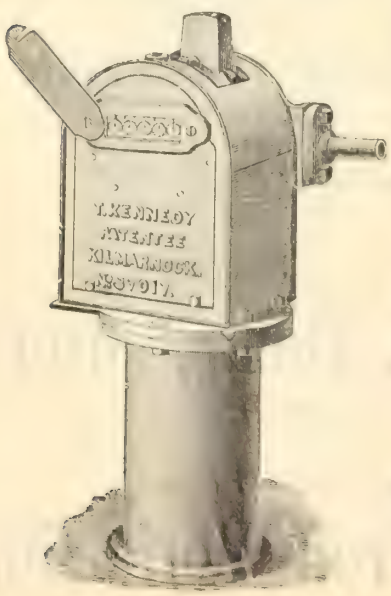

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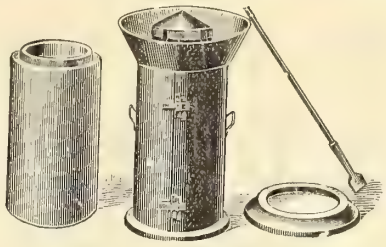

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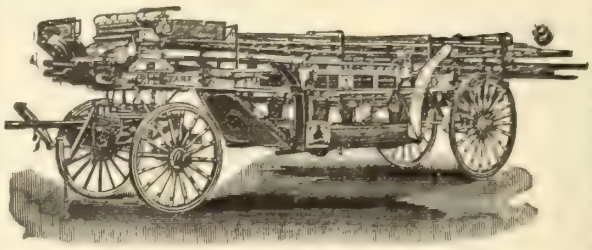

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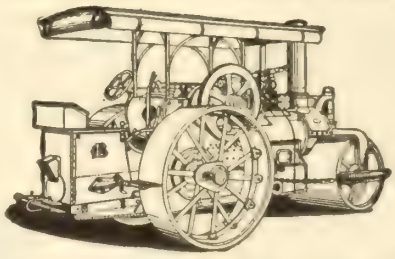

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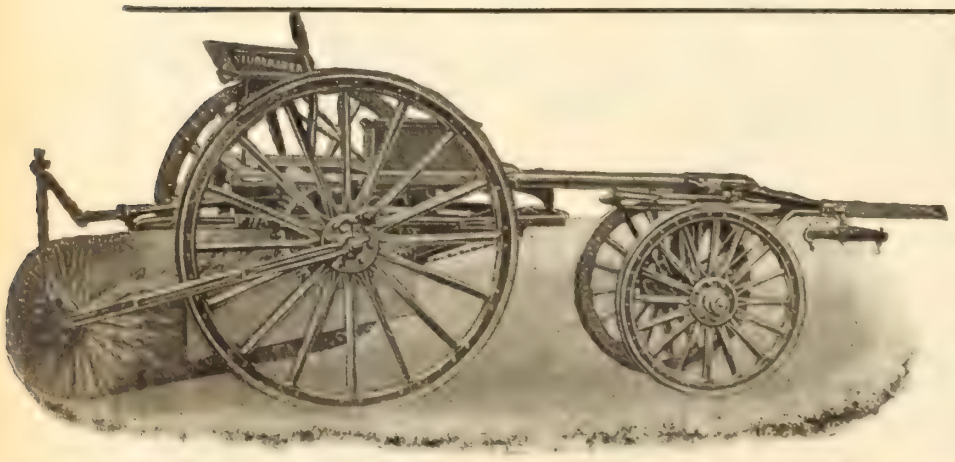

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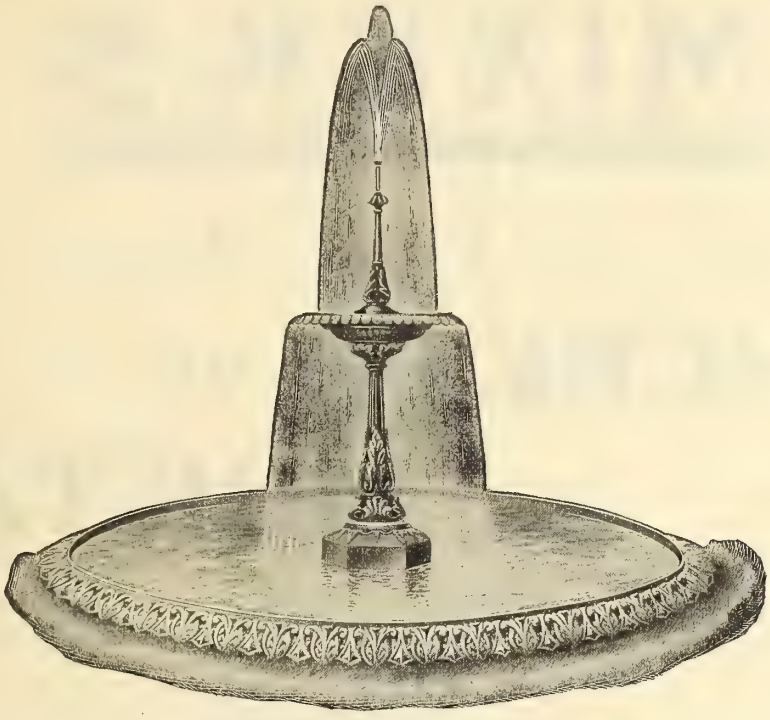

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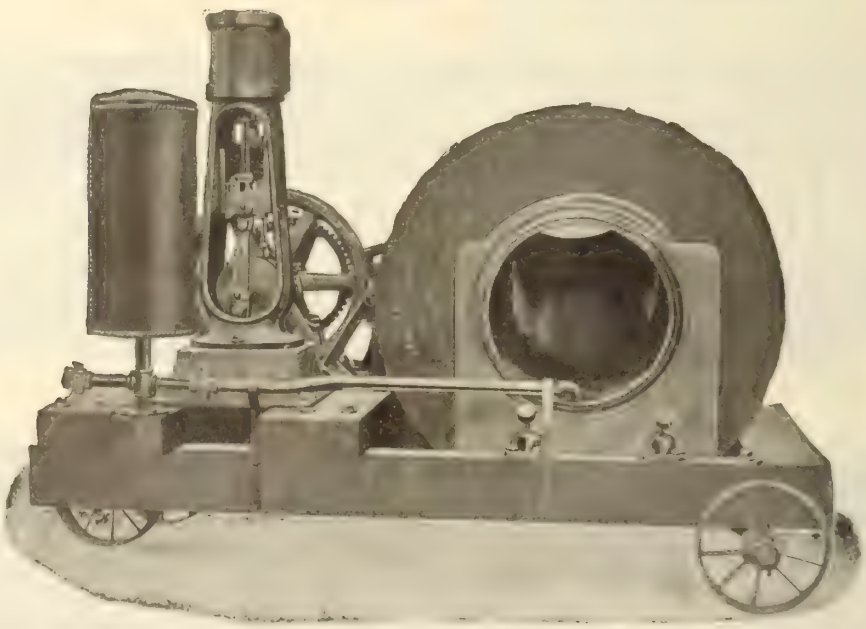

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CANADIAN

Contract Record

A Weekly Journal of Public Works, Tenders, Advance Information and Municipal Progress

This Paper Reaches Every Week the Town and City Clerks, Town and City Engineers, County Clerks and County Engineers, Purchasers of Municipal Debentures and Leading Contractors In All Lines Throughout Canada

VOL. 16. TORONTO, MONTREAL — SEPTEMBER 6, 1905 — WINNIPEG, VANCOUVER No. 27

THE CANADIAN CONTRACT RECORD
PUBLISHED EVERY WEDNESDAY
As an Intermediate Edition of the Canadian Architect and Builder.

THE C. H. MORTIMER PUBLISHING COMPANY
of Toronto, Limited.

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WANTED—Position as Junior Draughtsman in Architect's Office, by young man of 18, with some experience. Address Box 31, CONTRACT RECORD, Toronto, Ont.

Tenders for Bridge

Sealed tenders hereby requested by the Corporation of the County of Hastings, up to noon of SATURDAY, 23rd SEPTEMBER, 1905, with plans and specifications, for one steel bridge, 69 feet long and 16 feet wide in the clear, to be erected on stone abutments 64 feet apart on top, near Gullett's Mill in Rawdon, about 4 miles north of Hoard's Station and 6 miles from Stirling

Said bridge must have steel joists and be strong enough for concrete floor and to carry a moving load of 125 pounds to each square foot of roadway.

The abutments will be ready by 1st November and the steel structure to be complete ready to put flooring on by the 15th November, 1905.

Tenders need not include flooring.

Payment when bridge is complete and accepted.

Lowest or any tender not necessarily accepted. Address

WM. R. AYLSWORTH, County Clerk,
Belleville.

August 30th, 1905.

TOWN OF MIDLAND DEBENTURES

Sealed tenders, addressed to the undersigned, will be received up to six o'clock TUESDAY, SEPTEMBER 19th, 1905, for the following Debentures of the Town of Midland, viz:

$12,000—Forty years (by Special Act) 4½% issued for sewer purposes, and dated 29th December, 1904.

$10,000—Thirty years, 4½%, issued for the purpose of purchasing a site and erecting a High School building thereon, and dated September 6th, 1904.

$10,000—Thirty years, 4½%, issued for the purpose of paying off the present floating indebtedness of the Town, (Special Act 1905) dated June 1st, 1905.

The first two lots guaranteed by the County of Simcoe. The highest or any tender not necessarily accepted. Bids to include accrued interest from date of Debentures.

T. I. TRUEMAN,
Town Clerk.

TENDERS WANTED

Tenders for remodeling Markham Methodist Church will be received up to SEPTEMBER 15th, 1905. Plans at the office of Jas. A. Ellis, Architect, Manning Chambers, Toronto, or G. A. Speight, Secretary, Markham, Ont.

No tender necessarily accepted.

TO CONTRACTORS

Whole and separate tenders will be received by the undersigned for the erection of a Town Hall in the Town of Qu'Appelle, Sask.

Tenders for basement will be received up till September 6th, 1905.

Tenders for the superstructure from the different trades, Brick work, Carpenter work, Plastering, and Painting, will be received up till September 13th, 1905.

Plans and specifications may be seen at the office of the Secretary Treasurer, or at the offices of W. M. Dodd, Architect, Regina, Sask., and Calgary, Alta.

The lowest or any tender not necessarily accepted.

J. C. STARR, Secretary-Treasurer,
Town of Qu'Appelle, Sask.

DEBENTURES

Sealed tenders, addressed to undersigned will be received up to noon of MONDAY, SEPTEMBER 11TH, 1905, for the following Debentures of the City of Niagara Falls namely:—

$5,962.62 Twenty years 5 per cent., issued for permanent walk purposes, dated August 15th, 1905.

$10,022.37 Thirty years 5 per cent., issued for Sewer purposes, dated August 15th, 1905.

Said Debentures—principal and interest are payable at the City Treasurer's office, Niagara Falls, Canada, annually.

Purchasers to pay accrued interest from August 15th, 1905.

Further particulars can be obtained on application.

Highest or any tender not necessarily accepted.

JOHN ROBINSON, City Clerk.

Niagara Falls, Canada, August 22nd, 1905.

CONTRACTS OPEN.

WELLAND, ONT.—A new Baptist church will be built here.

CRANBROOK, B.C.—A warehouse will be built by the Co-Operative Stores.

SASKATOON, N.W.T.—W. C. Sutherland is building a cement-block residence.

AMHERST, N. S.—Engineer Fuller has completed the surveys for a waterworks system for the town.

TEESWATER, ONT.—The by-law to provide for waterworks improvements was carried last week.

BERLIN, ONT. — Michael Connor intends building three residences on corner of King and Hope streets.

ST. MARY'S, ONT.—The town is offering for sale $17,500 of debentures. Tenders received up to 11th inst.

KELOWNA, B.C.—The Village Council have under consideration the question of providing a waterworks system.

ORANGEVILLE, ONT. — George Robb will receive tenders up to noon of 8th inst. for steam heating of the Methodist church.

STRATFORD, ONT.—Permit have been issued for residences to be built by W. I. Becker and Miss McLaren.

GLACE BAY, N.S.—Town Engineer Morrison has submitted to Council plans of proposed waterworks extension.

LONG'S CREEK, N.B. — Jacob Lawrence has decided to rebuild his residence which was destroyed by fire.

BALMY BEACH, ONT.—The Church of England congregation will erect an edifice at Beech ave. and Queen street.

SPRINGHILL, N. S.—The ratepayers have decided to borrow $15,000 for further extension of waterworks system.

HARTNEY, MAN.—The by-law to provide funds for a new school was carried by the ratepayers almost unanimously.

NEW WESTMINSTER, B. C.—It is understood that alterations and additions will be built to the Provincial hospital here.

ST. CATHARINES, ONT.—A. E. Nicholson, architect, is this week taking tenders on additions and alterations for Wood Bros.

RAPID CITY, MAN.—The ratepayers have rejected the by-law to borrow $15,000 for erection of town hall and other improvements.

GRANBY, QUE.—S. H. C. Miner has donated $1,000 towards the erection of a Sunday School building for the Congregational church.

ATWOOD, ONT. — T. Fullarton, Clerk Elma Township, requests tenders by 25th inst. for construction of Gilkinson drain extension.

FORT WILLIAM, ONT.—The tenders for the Grand Trunk Pacific railway west from this place, will be opened about the 15th inst.

BRANTFORD, ONT.—The Brantford Electric & Operating Co. have decided to proceed at once with the installation of a steam plant.

GRAND FORKS, B.C. — Specifications are now being prepared for extensive headworks to be constructed by the Granby Smelter Co.

GESTO, ONT.—A. C. Atkinson will receive tenders up to 9th inst. for construction of Colenutt drain in Township of Colchester North.

OXBOW, N.W.T.—A by-law to raise $3,000 for purchase of chemical fire engine and erection of engine house will be submitted to the electors.

BOUCK'S HILL, ONT.—Bids requested by George Lane, Township Clerk, up to 16th inst. for purchase of $2,535.25 4 per cent. 10-year debentures.

BANFF, N.W.T.—The time for receiving tenders for construction of water-

works and sewerage systems here has been extended to September 11th.

OWEN SOUND, ONT.—It is expected that the report of Willis Chipman, C.E., Toronto, on the waterworks system, will be submitted this week.

WALKERTON, ONT. — A by law will be submitted to the ratepayers to raise $1,200 for breakwater and $1,674 for contemplated sewer construction.

CALGARY, N.W.T.—R.H. Butchart, managing-director of the Vancouver Portland Cement Co., is having plans prepared for cement works to be built here.

KENORA, ONT.—Application has been made by the town to the Ontario Government for permission to develop electric power for municipal purposes.

VICTORIA, B. C.—Hooper & Watkins, architects, are preparing plans for a one-storey brick building to be erected at 8 Broughton street by D.K. Chungranes.

ST. STEPHEN, N.B.—John D.Chipman wants tenders by 8th inst. for erection of additions to Chipman Memorial Hospital. Plans at office of Vroom Bros.

MARKHAM, ONT.—The trustees of he Methodist church have instructed an architect to prepare plans for alterations and improvements to the interior of the edifice.

ARCOLA, N.W.T. — J. J. Murison, Secretary-Treasurer of the town, will receive tenders up to 16th inst. for erection of a town hall. Plans by W. A. Elliott, architect, Brandon.

ARNPRIOR, ONT. — A by-law granting a bonus of $35,000 to the Dominion Suspender Co., of Montreal, to erect a large factory here, has been sanctioned by the ratepayers.

NELSON, B.C.—The new site for the Hume school has been purchased by the Provincial Government and it is now probable that funds will be provided for a commodious school building.

CHARLOTTETOWN, P.E.I.—L. B. MacMillan, Secretary of Public Works, will receive tenders up to 14th inst. for building a new bridge on the road leading from Middleton to Mount Vernon.

FREDERICTON, N. B.—F. A. Barbour, C. E., who is investigating the water supply at Tower Lake and Garden Creek, is of the opinion that there is enough water for a gravitation system.

PORT HOPE, ONT.—The Council are negotiating for a new industry to occupy the radiator building, the company agreeing to expend $50,000 in machinery and additional buildings. Exemption from taxation is asked.

BRANDON, MAN.—The Kensington-Brandon Development Co., of which Mr. Currie, of Toronto, is vice-president, intend to submit a proposition to the City Council for the establishment of an electric railway.

PORT ARTHUR, ONT.—Hon. C. S. Hyman, Minister of Public Works, was here last week making an inspection of the harbor. The proposed improvements will cost about $250,000 and will include an immense breakwater and docks.

PALMERSTON, ONT. — H. Hyndman, jr., Town Clerk, will receive tenders up to September 11th for supply and laying of following sewers: 400 feet of 6-inch vitrified sewer pipe, 1,230 feet of 8-inch and 400 feet of 10-inch, also 9 manholes and 6 catch basins.

MIDLAND, ONT.—Bids are invited in this issue for purchase of $32,000 4½ per cent. debentures. Tenders close 19th inst.—The Grand Trunk Railway Co. have announced their intention of double tracking the Midland branch in the near future.

SUMAS, B. C. — The Dominion Government have given permission to James A. Lewis, of Chicago, and his associates, to proceed with certain reclamation works in what is known as the Sumas dyking district.

MONTREAL, QUE.—The Catholic School Commissioners have accepted plans of following architects for schools: Mr. Turgeon for the Sarsfield school; Mr. Amos, for the Champlain school; Lacroix & Piche, for the Olier school. Tenders will be invited immediately.

CALGARY, N. W. T. — Lawson & O'Gara, architects, are calling for bids for a three-storey brick and stone business block, to be erected on corner of 7th Ave. and 1st east, for T. S. Clouston. They are also preparing plans for a brick and stone hospital to be built in McLeod, Alta.

PORTAGE LA PRAIRIE, MAN.—The committee in charge of the erection of a new hotel have accepted plans. The building will be three stories, 75 × 90 feet, brick, and will contain 50 bedrooms.—J. & E. Brown have commenced the erection of a two-storey office building on Saskatchewan ave.

ST. JOHN, N.B.—J. K. Schofield has purchased the property on corner of King and Canterbury streets and intends erecting a modern building for banking purposes.—New York capitalists are reported to have decided to build a large hotel on corner of Germain and Union streets.

TORONTO JUNCTION, ONT. — The following building permits were issued last week: W. J. Adare, pair cement block and brick front dwellings, Davenport road, cost $4,000; John Weir, brick dwelling, Pacific ave., cost $2,300; David Cross, frame dwelling, Campbell ave., cost $800.

PICTOU, N.S.—The Department of Railways and Canals, Ottawa, request tenders by Friday, 15th inst., for construction of a 9 stall engine house, turn table, foundation walls, retaining walls, cribwork, drains, etc., for this place. Plans on application to the Station Master and at the Chief Engineer's office, Moncton, N B.

EAST TORONTO, ONT.—F. G. Washington, 785 Queen street east, has purchased the vacant lot on south-west corner of Queen street east and Broadview ave. and will build thereon a brick store and warehouses, with two dwellings, to cost about $20,000.—H. W. Love is about to commence the building of two residences on corner of First ave. and Broadview. Thomas Berry has commenced the erection of a brick store to cost about $3,500 near the same site.

LONDON, ONT.—H. C. McBride, architect, has just taken tenders on a brick residence on Queen's avenue.—The Port Stanley Railway Board last week inspected the bridges on the Port Stanley railway and found that for heavy traffic they would not answer. — John Pope, City Treasurer, desires bids by Friday, 15th inst., for purchase of the following debentures: $15,000 4 per cent. London West breakwater debentures; $9,000 4 per cent. waterworks debentures; $80,319.87 4½ per cent. local improvement debentures.

PETERBORO, ONT.—E. M. Elliott, County Clerk, will shortly advertise for tenders for superstructure of steel bridge to be built over the Indian river between Otonabee and Douro townships. — P. Dowham has purchased the Bradburn property on Aylmer street and will at once build a large creamery.—The directors of the Peterboro Lock Manufacturing Co. have not yet awarded the contracts for new buildings for which tenders were recently invited.

OTTAWA, ONT.—Band, Burritt & Meredith, architects, are preparing plans for extensive improvements to Davis residence on corner of Stewart and King streets, which has just been purchased by Hon. S. N. Parent.—The County Council have decided to rebuild Hurdman's bridge with concrete piers and steel superstructure, at probable cost of $20,000.—The trustees of Rideauville School Section are in favor of building a new school, but the ratepayers have requested the Board to consider the advisability for building an addition to the present school.—P. Provost, Chief of Fire Department, will receive tenders up to 18th inst. for supply of 54 pairs of boots, trousers and vests.

VANCOUVER, B.C. — The Health Committee have recommended the acceptance of the proposition submitted by P. Burns & Co. and the Frie-Bruhm Co. for the erection of packing houses and abattoirs.—J. R. Roy, Dominion Government Engineer, is making surveys of False Creek with a view of devising a comprehensive scheme to make the creek navigable for vessels of moderately deep draught.—New tenders have been invited for the paving of Hastings street.—A stand-pipe will be erected in Mount Pleasant.—The British Columbia Electric Railway Co. are negotiating for the control of 16 acres above Twenty-First street for purposes of a park. Pavilions are to be constructed and all necessary buildings for the display of live stock and other industrial and agricultural features of the Horticultural Society's show.—Emil Guenther, architect, Vancouver, is taking tenders for a three-storey brick block corner of Carral and Pender streets for Yon & Co.

WINNIPEG, MAN.—C. J. Brown, City Clerk, is asking for tenders up to 11th inst. for supply of two hook and ladder trucks.—Plans have been prepared for the new English Lutheran church to be erected at corner of Ellice and Agnes streets, 62 × 32 feet, with Sunday school addition and large basement, cost about $8,000.—Tenders for gas producer plant have been opened by the city and contracts will be awarded shortly.—Work will shortly be commenced on the new theatre on Albert street for Nash & Burrows. Building will be of brick on stone foundation, cost about $150,000.—J. H. G. Russell, architect, has taken tenders on alterations, including steam heating, to the Oddfellows block on corner of Princess and McDermott avenues.—It is reported that the Canadian Pacific Railway officials are looking into the question of operating the road between Winnipeg and Fort William by electric power.—James Chisholm, architect, is this week taking tenders on a brick addition to the Jobin-Marrin warehouse on Market street.—J. D. Atchison is taking tenders for excavation.—The Department of Public Works, Ottawa, desire tenders by 18th st. for construction of a heating system for new immigration building in this city. Plans at the Dominion Public Works office.—Porter & Co., crockery merchants, have purchased property at corner of McDermott ave. and Rorie street on which they intend building a large warehouse.

HAMILTON, ONT.—Stewart & Witton, architects, are now preparing the specifications for the new drill hall and expect that work will be commenced in about three weeks. New Brunswick granite will be used for the base.—Building permits have been issued this year to the value of $971,375. The following are the recent permits: E. Buscombe, brick house on Locke street, north of Barton, $1,500; A. W. Peene, cement block house, corner of Bold and Caroline streets, for Charles Judd, $2,000; George H. Milne, three brick houses, Markland and Caroline streets, for Mrs. Hancock, $6,500.—The Bank of Hamilton directors have not yet awarded contracts for additions and alterations to head office building. It is said that the tenders are much higher than was esti-

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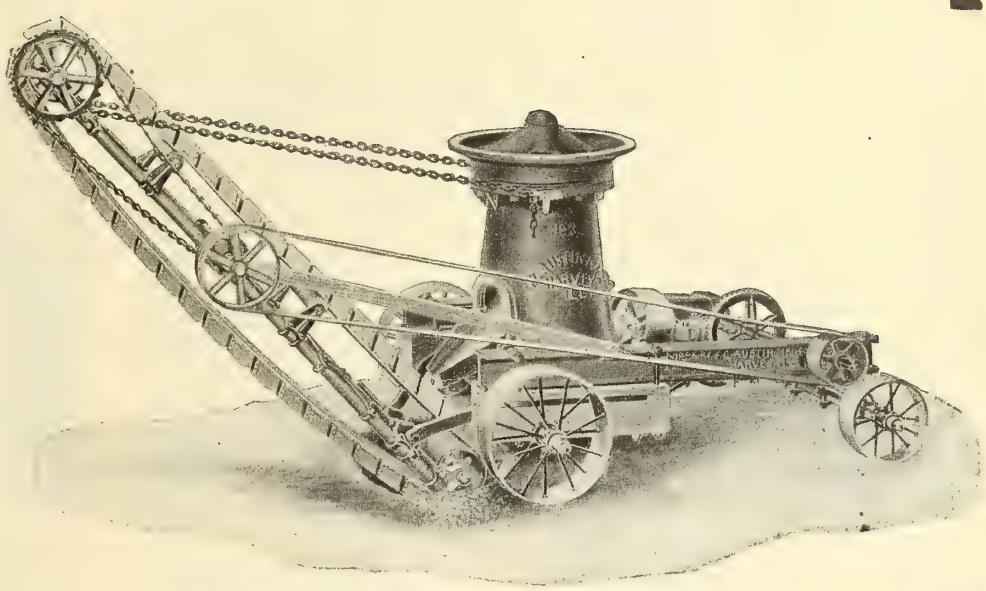

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—— o ——

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Montreal

mated.—J. A. [illegible] has purchased a lot at the north-east corner of Dundas and Wentworth streets and intends erecting a drug store.—Mr. Douglas, of Stratford, has purchased two lots on corner of Mary and Cannon streets on which to build a factory for the manufacture of clothing.—F. J. Fralick will build a residence on West Hunter street, cost $2,800.

TORONTO, ONT.—The Bank of Montreal have purchased the property at the north-east corner of Queen and Yonge streets and, according to report, will erect a new structure on the site.—Tenders for waterworks and sewerage systems at Banff, N.W.T., for which John Galt, C. E., this city, is consulting engineer, will be received up to September 11th.—The City Dairy Co. have again applied to the City Council for a permit to build a stable between Oxford and College streets, near Spadina ave., to be 112 × 85 feet, three stories, cost $20,000.—The Board of Control are taking tenders up to noon to-day (Wednesday) for supply of a 30-ton suspension stock scale in the sheep barn at the Toronto Cattle Market. Specifications at office of the Property Department, City Hall. — Mason & Risch have commenced the erection of a four-storey brick piano factory at 642 King street west. — Burke & Horwood, architects, have just taken tenders for erection of the McCormick cottage and for certain improvements in the Frank Bull cottage at the Muskoka Sanitarium, Gravenhurst. — President McNaught, of the Exhibition Association, has announced that the directors contemplate removing the row of wooden buildings now standing between the stove and administration buildings and erecting in their place a large steel and brick or concrete structure.—At a meeting held at the residence of E. K. M. Wedd last week, it was decided to take steps to provide a permanent church building on a site accessible to all West End Islanders. — The City Engineer has recommended the construction of the following pavements and sidewalks: Seaton street, from Wilton avenue to Carlton street, asphalt, $11,823; McMaster avenue, from Avenue road to Rathnally, bitulithic, $3,867; Dufferin street, from King 1,758 feet south, bitulithic, $12,848; Beatrice street, from College street 658 feet south, asphalt, $3,874; Alexander street, from Yonge to Church, asphalt, $7,110; Seaton street, from Queen to Wilton avenue, asphalt, $8,110; Hackney street, from Woolsey to St. Patrick, asphalt, $6,986; Gibson avenue, from Yonge to west end, macadam, $2,344. Cement concrete sidewalks—Huxley, from Dufferin to Jamieson avenue, $3,100; Mohawk avenue, in centre of avenue, from the lake shore to 400 feet north, $483; King, from 66 feet east of Trinity to Sackville, $646; Queen, from Strachan avenue to 100 feet west of Niagara, $2,017; Woolsley, from Hackney to Bathurst, $833; Woolsley, from Denison avenue to Hackney, $330; Woolsley, from Esther to Denison avenue, $349; Audley avenue, from Pape avenue to 305 feet east, $524; Dagmar avenue, from Pape avenue to 275 feet east, $461; Lowther avenue, from Spadina road to 165 feet west, $165; Robinson, from Palmerston to Euclid avenue, $494; Deleware avenue, from Dewson to Hepbourne, $1,788; Carlisle, from St. Patrick to No. 34, $411; London, from Markham to Manning avenue, $1,286; Robinson, from Manning to Bellwoods avenue, $735; King, from Trinity to Erin Place, $220; King, from Berkeley to Parliament, $879; King, from Sumach to St. Lawrence, $668; Munro, from Matilda to Mountstephen, $1,604; Gibson avenue, from Yonge to west end, $275; Gibson avenue, from Yonge to west end, $271; Palmerston avenue, from Robinson to Arthur, $1,669; Palmerston avenue, from Robinson to Arthur, $1669; Sackville, from Queen to St. David, $1,589; Sackville, from Wilton avenue to Oak, $821; Sackville, from Wilton avenue to Oak, $783; Sackville, from Queen to St. David, $1,518.

FIRES.

Lighthouse at Macquereau Point, on Bay Chaleurs, Que., totally destroyed, loss $6,000.—Saw mill of the Meduxnekeag Lumber Co. at Monticello, N. B., [illegible]. A serious fire occurred at Belmont, N. S., last week, destroying the Baptist church, Thomas Lindsay's hotel, T. D. Crowe's store and other buildings. —Saw mill of Little Bros. at Haileybury, Ont.

CONTRACTS AWARDED.

WEYBURN, N. W. T.—Erection of Methodist church: Gbriel & Dunn, of Oxbow contractors.

NEW WESTMINSTER, B. C. — Stables for the Dominion Fair: H. M. Marshall, contractor.

FREDERICTON, N. B. — Simmonds & Burpee have been awarded the contract for building three masonry piers for the

J. HARVEY

CONTRACTOR

PETROLIA, ONT.

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Contracts taken in any part of Canada. Several years experience in Artesian Wells for Municipal Water Works. Estimates or geological information cheerfully furnished.

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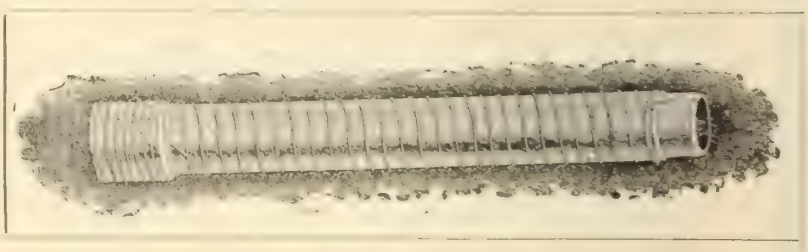

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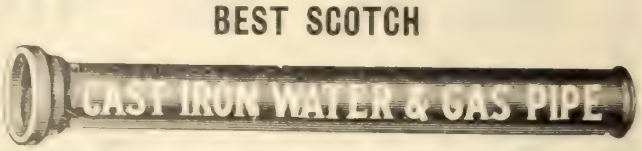

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MILLER BROS. & TOMS
MONTREAL

Fredericton highway bridge, price about $26,000.

OXBOW, N. W. T.—Residence for S. McMurty : Gabriel & Quinn, this place, contractors, about $9,000.

BERLIN, ONT.—Boiler for the electric light plant : Goldie & McCulloch Co., Galt, successful tenderers.

CREEMORE, ONT.—Wooden reservoir for village : Gould, Shapley & Muir, successful tenderers, $1,960.

WINGHAM, ONT.—Construction of cement flume at the dam: W. H. Green, successful tenderer, $1,350.

BRANTFORD, ONT.—Brick residence on Duke street for Peter McCusiker: Wright & Thomson, contractors.

MANSEWOOD, ONT.—Heating Boston Presbyterian church : James Smart Co., Brockville, successful tenderers.

PORTAGE LA PRAIRIE, MAN.—Residence for Adam Brown: F. G. Humber, contractor, cost about $11,000.

WELLAND, ONT.—Brick residence on Young street for A. J. J. Brennan: R. M. Jamieson and M. Vanderburg, contractor.

TORONTO, ONT.—Carpentry work and roofing of sheep pens at cattle market: Thomas Lewis, contractor, $6,495 and $511 respectively.

OTTAWA, ONT.—The offer of the Dominion Securities Corporation, Toronto, has been accepted for the purchase of $326,000 of city debentures, their price being $328,638.

MONTREAL, QUE.—The Water Committee have decided to purchase two machines for perforating water main to make connections with minor pipes from the A. P. Smith Manufacturing Co., Newark, N. J., cost $2,340 each.

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We have them complete ready for immediate shipment, and others in all stages of construction which can be finished on short notice. If you need a **Hoisting Engine** drop us a line.

MARSH & HENTHORN Belleville, Ont.

CALGARY, N.W.T.—Lawson & O'Gara have awarded the following contracts for a residence for T. S. Burns, City Treasurer: Carpenter work, J. A. Bishop; stone work, J. Poulson; electric work, Calgary Electric Co.; plumbing, Hale Bros; heating, Linton & Hall.

ST. JOHN, N. B.—The J. Y. Stewart Co. have been awarded the contract for 1,046 tons of iron pipe for a waterworks system from One Mile House to Marsh Bridge, at $27.50 per net ton of 36-inch pipe, duty paid, f.o.b. St. John. Delivery is to be made by November 1st.

WINNIPEG, MAN.—The bank building for the Bank of Toronto, for which Kelly Bros.-Mitchell, Limited, have secured the contract, will be three stories, of marble, steel cage construction, porous terra cotta floors, bronze grill work, etc., probable cost $150,000. The architect is H. C. Stone.—The contract for block paving the team tracks of the new C. P. R. yards has been awarded to the Kettle River Quarries Co.; about 30,000 square yards.—The tenders of the Leslie Furniture Co., Scott Furniture Co. and Office Specialty Co. have been accepted for furnishing the Carnegie library building.

PETERBORO, ONT.—Contracts for sewer construction have been awarded as follows: J. Robinson, a total of 7,228 feet, at a cost of $9,687.23, as follows: For 12 inch pipe—1,509 feet on King street, at $1.16 per foot; 903 feet on Charlotte street, at $1.05; 1,660 feet on Bolivar st., at $1.05; 1,039 feet on Hunter st. east, at $1,07; 274 feet on Hunter st. east, at 98 cents; 466 feet on King st., at $1.16. For 9-inch pipe—450 feet on Stewart st., at 82 cents. R. Sheehy, a total 5,205 feet at cost of $6,110.49, as follows: For 12-inch pipe—1,140 feet on Lake st., at $1.15 per foot. For 9-inch pipe—485 feet on Brock st., at $1.09 per foot; 515 feet on Downie st., at 89 cents; 490 feet on Edinburg st., at 83 cents; 453 feet on Union st., at 85 cents; 453 feet on Homewood ave., at 83 cents; 585 feet on Perry st., at 93 cents; 607 feet on Rogers st., at 93 cents; 477 feet on Sophia st., at 87 cents. J. E. Hayes, a total of 4,498 feet, at cost of $2,054,14, as follows: For 9-inch pipe—280 feet on Simcoe st., at 80 cents per foot. For 12-inch pipe—526 feet on Reid st., at $1.14 per foot; 1,070 feet on Park st., at $1.15; 950 feet on

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We are now selling them all over the U. S. and enquiries are coming in from British Colonies as well.
Get our prices.

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ROAD MCH. DEPT.
Hamilton, - - Ontario

Aylmer st., at $1.13; 1,412 feet on Park st., at $1.12 cents; 260 feet on Sherbrooke st., at 98 cents.

PRINCE ALBERT, N. W. T.— The Council recently awarded the remaining contracts for construction of waterworks and sewerage systems. The successful bidders were:—Laying water mains and sewer pipes, W. Newman, Windsor, $34,-390; building pump house, Ittner & Spore, Prince Albert, $10,648; water tower, Canada Foundry Co., Toronto, $7,800; water tower foundation, Lemoine & Fortin, Prince Albert, $2,275; iron watermains and specials, Canada Foundry Co., $24,-272,25; wood pipe, Canada Pipe Co., $4,-998, 28; fire hydrant valves, etc., Canada Foundry Co., $3,839.25; sewer pipe, McCombe Sewer Pipe Co., $10,410.94; pumping machinery and erecting, Canada Foundry Co., $4,940; two steam boilers and erecting, Canada Foundry Co., $3,-930; land for pumping station, etc., $1,-500. The bids received on the different cantracts were:—Contract A, laying water mains and sewer pipes: W. Newman, $34,390; McLennan, Webster & Taylor, $37,648; W. C. McKay, $64,800; Chas. Lemoine, $45,725; Dobson, Jackson & Fry, $43,000. Contract B., erecting pump house: Holmes & Baker, $13,580; Lemoin & Fortin, $16,250; Ittner $ Spore, $10,648. Contract C., steel water tower: Canada Bridge Co., $7,930; Ontario Wind Engine & Pump Co., $9,013; John Ingles, $8,385; Manitoba Iron Works Co., $8,823; Canada Foundry Co., $7,800; Goldie & McCulloch, $11,500. Foundation for water tower: Lemoine & Fortin, $2,275. Contract Da., iron pipe, Le Chance, $24,014.81; Montreal Pipe Foundry, $23,988.94; Gartshore Thompson & Co., $24,726; Canada Foundry Co., $24,272.-75; McKenzie Bros., $24,604.10; G. A. Metcalf, $26,052.10. Contract Db., wood pipe, Canadian Pipe Co., $4,998.28; Pacific Pipe Co., $5,509.05. Contract E, hydrants, valves, etc.: Canadian Fairbanks Co., $3,344.31; Florence Iron Works, $3,652.70; Canada Foundry Co., $3,839.25; O. B. Manville, $3,549. Contract F, sewer pipe, McComb Sewer Pipe Co., $10,410.94.

BUSINESS NOTES.

The Montreal Silicate Brick Syndicate has been registered by Alfred Joyce.

Howard & Snow, painters, Battleford, N.W.T., have moved to North Battleford.

Mrs. A. Drolet has registered the business of A. Drolet & Cie, plumbers, etc., Montreal.

A meeting of the creditors of Joseph E. Gratton, plumbers, St. Henri, Montreal, who assigned recently, was held on September 1st.

Mr. Geo. S. B. Perry recently visited the Northwest Territories, Manitoba and Ontario in the interests of the Pacific Coast Pipe Co., of Vancouver.

Alfred Hannaford, of Hamilton, has entered into partnership with his two sons and will carry on a business as contractors, under the firm name of A. Hannaford & Sons. They have already secured the contract for cement walls at Burlington.

Winnipeg Prices of Building Materials

White Brick, kiln run, per M. on car	$12 00
White veneer brick, per M. on car	14 00
Red pressed brick, per M. on car	3 00 to 32 00
Red Sand Mould Brick	21 00
Pressed Bricks (except red)	30 00 to 40 00
Hollow Brick	13 00
Vitrified Paving Brick	38 00
Brown Pressed Brick	34 00
Water Struck Brick	35 00
Rain Wash Brick	35 00
Portland Cement, in carloads	2 64
Dimension stone, per cubic ft.	30 c to 35 c
Common rubble, per cord, delivered	10 50
Select rubble, per c'd, delivered	11 50
Rough shoddy, per cubic yard	1 50
Concrete Stone, per cubic yard	1 25
Grey Lime, per bushel at quarry	22 c
Grey Lime, per bushel delivered	32 c
White Lime, per bushel at quarry	22 c
White Lime, per bushel delivered	32 c
American hard wall plaster, per ton f.o b.	15 00
Manitoba hard wall plaster, per ton f.o.b.	15 00
Ordinary hard wall plaster, per barrel	3 25
Pitch pine hard wall plaster, per barrel	4 50
Building papers, Anchor, plain	65 c
Building papers, Cyclone and Jubilee, plain	77½
Building papers, Anchor, tarred	70 c
Building papers, Cyclone and Jubilee, tarred	80 c
Building papers, Shield, tarred	65 c

Sewer Pipe, 3 in, 8½ c; 4 in., 10½ c; 5 in., 14½ c; 6 in., 16½ c; 8 in., 25 c; 9 in., 30 c; 10 in., 36 c; 12 in., 45 c; 15 in., 75 c; 18 in., $1.00; 20 in., $1 50; 24 in., $2.00.

Prices of Building Material

LUMBER

CAR OR CARGO LOTS, F.O.B. TORONTO.

	Per M. Ft.	
1 inch No 1 Pine cuts and better	$48.00 to	$50.00
1½ to 2 inch No. 1 cuts and better	51.00	53.00
1½ to 2 inch No. 3 cuts and better	38.00	39.00
1 inch Pine Dressing and better shorts	25.00	27.00
1 x 4, 6 and 8 Common	18.00	19.00
1 x 10 and 12 Common	19.00	21.00
1 inch mill run sidings	21.00	22.00
1 inch mill run	20.00	21.00
1 x 10 and 12 mill culls	15.00	16.00
1 inch dead cull sidings	12.00	13.00
1½ inch Flooring	26.00	27.00
2 x 4 to 10 inch, 10 to 16 feet	15.00	16.00
2 x 4 to 10 inch, 18 feet	16.00	17.00
1½ inch No. 1 4 ft. Pine Lath	3.40	3.60
1½ inch No. 2 4 ft. Lath	3.00	3.10
1½ inch No. 1 4 ft. Hemlock Lath		2.80
XXXX Pine Shingles	2.90	3.00
XXX Cedar Shingles	2.80	2.90
B C. Shingles:		
XXX 6 butts to 2 inch		2.90
XXXX 6 to 23-16 inch		3.15
XXXXX 5 to 2 inch		3.40

HARDWOODS—PER M. FEET CAR LOTS.

Ash, white, 1sts and 2nds, 1 to 2 inch	$33.00 to	$35.00
Ash, black, 1sts and 2nds, 1 to 1½ inch	27.00	29.00
Birch, M. R. 1 inch	22.00	24.00
" 1½ inch to 2	23.00	25.00
Basswood, Common and better, 1 to 1¼ inch	24.00	25.00
Basswood, 1½ to 2 inch	25.00	26.00
Elm, soft, mill run, 1 to 1½ in.	23.00	24.00
Elm, rock, mill run, 1 to 1¼ in.	24.00	26.00
Maple, common and better, 1 to 1½ inch	21.00	22.00
Oak red plain, 1sts and 2nds, 2 to 4 inch	44.00	46.00
Oak, white, 1sts and 2nds, 1 to 1½ inch	42.00	44.00
Oak, quartered, 1sts and 2nds	70.00	80.00

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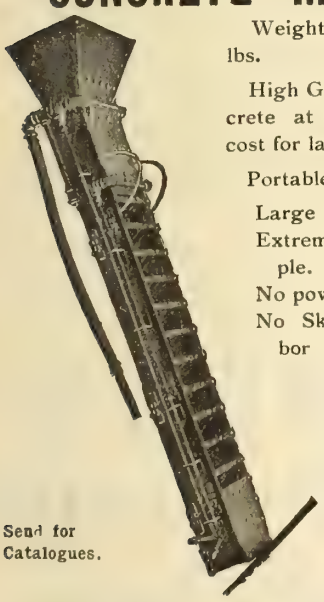

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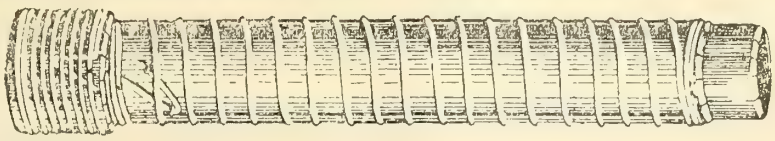

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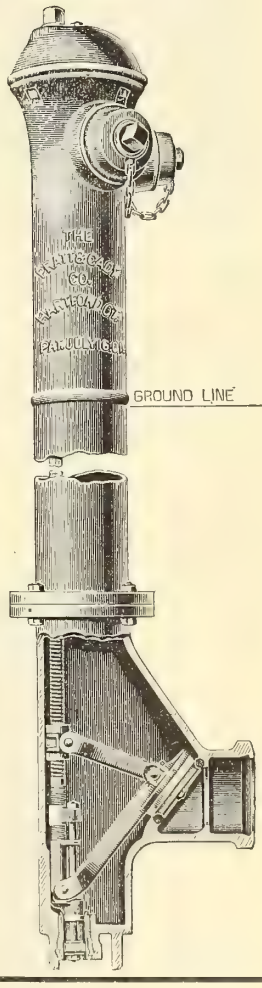

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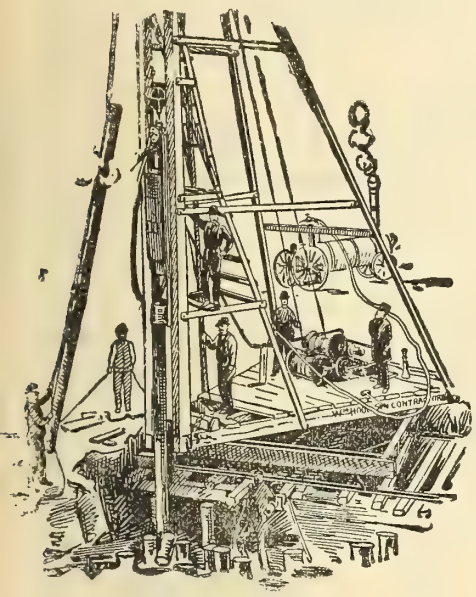

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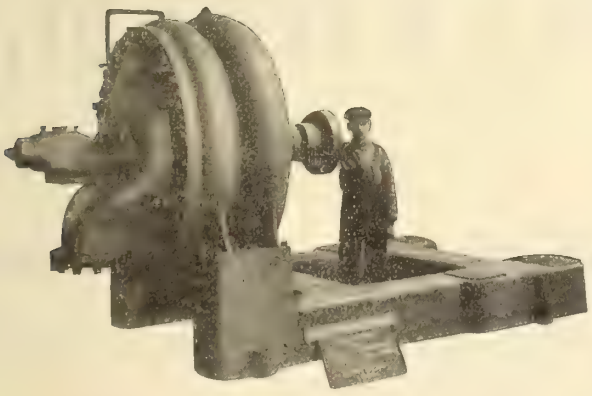

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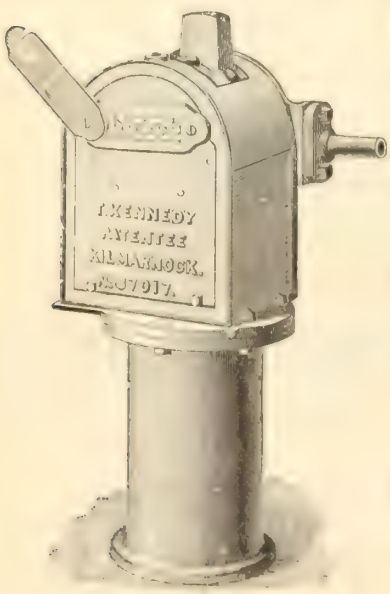

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" 3	9 00
Buff No. 1	15 00
" 2	13 00
Brown	25 00
Roman Red	30 00
" Buff	35 00
" Brown	4[illegible] 00
Hard Building	8 0
" Sewer	7 0
" Backing	6 00

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" No. 1	14 00	19 50
" No. 2	12 00	17 50
" No. 3	10 50	15 00
Brown Peerless Facing	20 00	25 50
" No. 1	18 00	23 50
Buff Peerless	20 00	25 50
" No. 1	18 00	23 50
" No. 2	15 00	20 50
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Roman Red (Size 12 x 4 x 1½ in.)	30 00	35 50
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" Brown " "	34 00	39 50
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" " " No. 2	15 00	20 50
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No. 1 "	29 50
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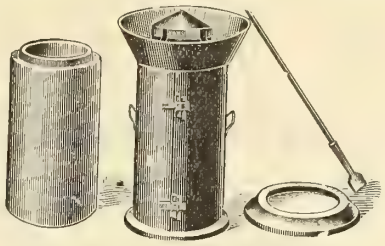
Canadian (Packages, 350 lbs. net.):				
Rathbun's Star	1 75	2 00	2 20	2 30
Trowel			1 85	1 95
Samson	1 75	1 85		
Magnet	1 55	1 65		
Monarch	1 80	1 90	1 90	2 00
Hercules	1 75	1 75		
Imperial		1 80		
Crescent 375 lbs. gross	2 30	2 40	1 95	2 05
Diamond 350 " "	2 20	2 30	1 85	1 95
"Blue Lake" Brantford	1 70	2 00		
American (in Bags)				
"Helderberg"			1 90	2 00
Alsen				2 25
Lehigh, in bbls., 375 lbs.		2 35	2 10	2 20
" cotton sacks, 350 net		2 00		2 00
" paper bags		2 10		1 85
"Iron Clad" in bags 350 lbs.			1 80	1 90
"Invicta" " " "			1 65	1 70
"Adirondack" " " "			1 50	1 65
Old Reliable "Giant" (350 lbs. net per bbl.)	1 75	1 85	1 80	2 00
"Improved Union"	1 65	1 75	1 70	1 90
"Union"	1 50	1 60	1 50	1 70
Vulcanite (The Toronto Pottery Co., Limited Toronto) 350 lbs. per bbl. (bags included).				
In paper bags		2 20		
" wooden bbls		2 40		
" cotton bags		2 50		
English (in Barrels):				
Brook's Shoobridge Anchor	2 35	2 40	2 00	2 10
Whites	2 35	2 40	2 05	2 5
Belgian (in Barrels):				
"Josson"	2 60	2 70	2 20	2 30
Hammer			1 80	1 90
White Star	2 15	2 25	1 90	2 00
German (in Barrels):				
Offenbacher				2 35
Alsen	2 65	2 95		2 40
Dyckerhoff	2 65	2 75		2 40
Hercules	2 25	2 35		2 1



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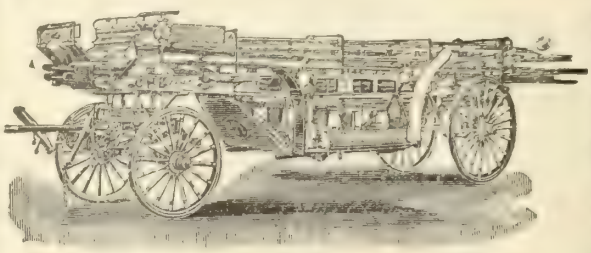

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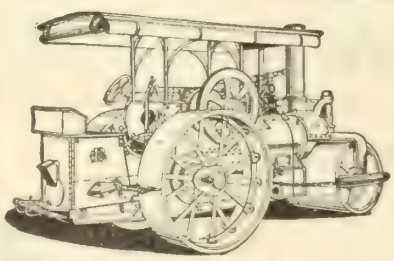

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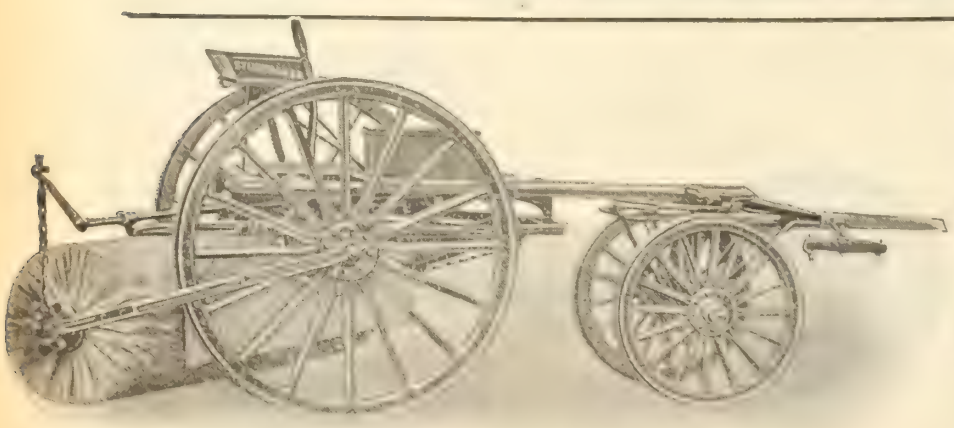

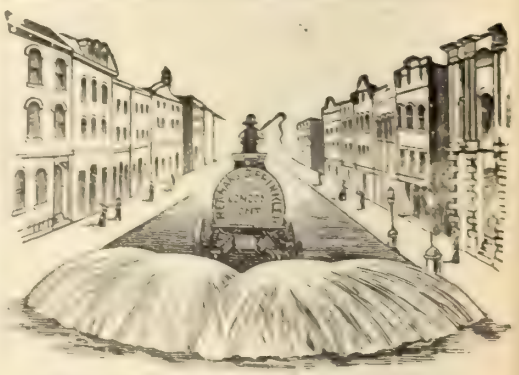

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The Isthmian Canal Commission wisely demanded a special quality cement for the Panama contract let May, 1905. The sea water clause, while necessary to insure the work, was undoubtedly severe. One of the largest American Companies tied the bid of Alsen's. The Government awarded the contract to Am. Alsen's in preference, at equal figures. The bids are on recored at Washington. Alsen's product has always been recognized as of higher average quality than any other brand. It is ultra high grade and a more practically portland. It has become known as the "absolutely safe cement."

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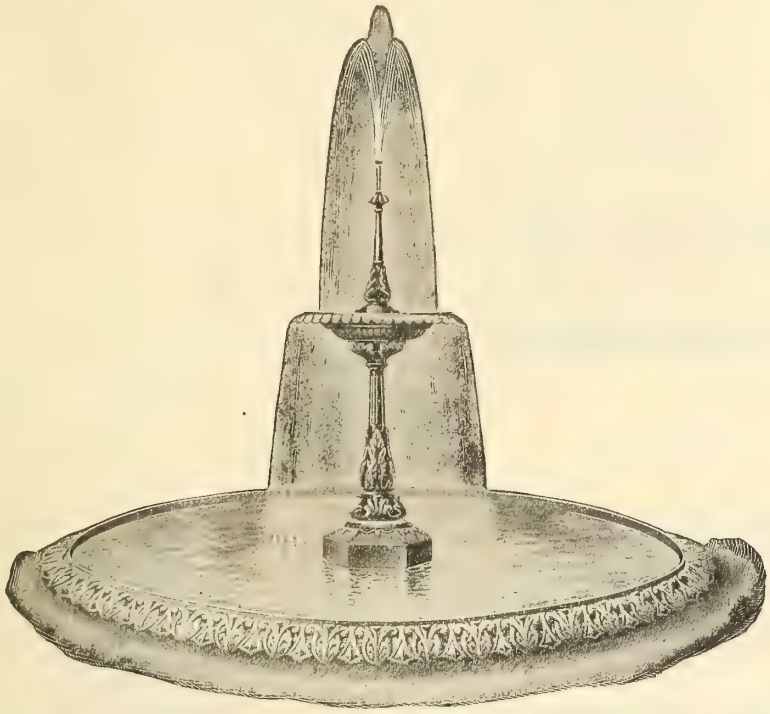

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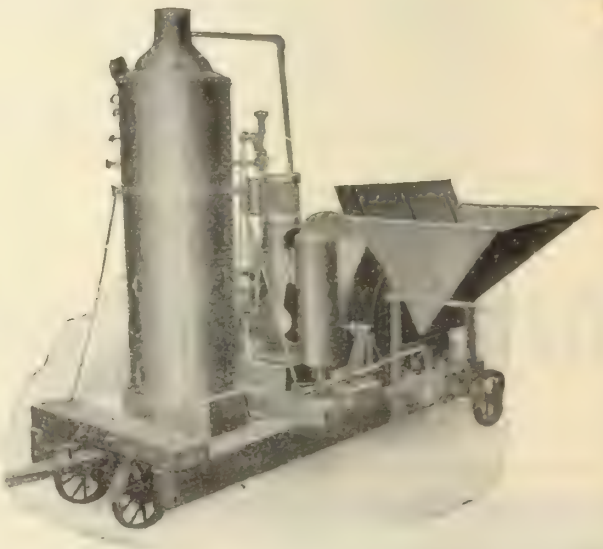

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CANADIAN

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A Weekly Journal of Public Works, Tenders, Advance Information and Municipal Progress

This Paper Reaches Every Week the Town and City Clerks, Town and City Engineers, County Clerks and County Engineers, Purchasers of Municipal Debentures and Leading Contractors In All Lines Throughout Canada

VOL. 16. TORONTO, MONTREAL — SEPTEMBER 13, 1905 — WINNIPEG, VANCOUVER No. 28

THE CANADIAN CONTRACT RECORD
PUBLISHED EVERY WEDNESDAY
As an Intermediate Edition of the Canadian Architect and Builder.

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TENDERS

for Concrete Dam will be received by John S. Fielding, C.E., for the Construction of a Dam at Hespeler for The R. Forbes Woolen Mills Company up to SEPTEMBER 25TH Plans and specifications to be seen at the office of

JNO S. FIELDING, C.E.,
Consulting Engineer,
15 Toronto St., Toronto.

TO CONTRACTORS

Whole and separate tenders will be received by the undersigned for the erection of a Town Hall in the Town of Qu'Appelle, Sask.

Tenders for basement will be received up till September 6th, 1905

Tenders for the superstructure from the different trades, Brick work, Carpenter work, Plastering, and Painting, will be received up till September 13th, 1905.

Plans and specifications may be seen at the office of the Secretary Treasurer, or at the offices of W. M. Dodd, Architect, Regina, Sask., and Calgary, Alta.

The lowest or any tender not necessarily accepted.

J. C. STARR, Secretary-Treasurer,
Town of Qu'Appelle, Sask.

Tenders for Bridge

Sealed tenders hereby requested by the Corporation of the County of Hastings, up to noon of SATURDAY, 23rd SEPTEMBER, 1905, with plans and specifications, for one steel bridge, 69 feet long and 16 feet wide in the clear, to be erected on stone abutments 64 feet apart on top, near Gullett's Mill in Rawdon, about 4 miles north of Hoard's Station and 6 miles from Stirling

Said bridge must have steel joists and be strong enough for concrete floor and to carry a moving load of 125 pounds to each square foot of roadway.

The abutments will be ready by 1st November and the steel structure to be complete ready to put flooring on by the 15th November, 1905.

Tenders need not include flooring.

Payment when bridge is complete and accepted.

Lowest or any tender not necessarily accepted. Address

WM. R. AYLSWORTH, County Clerk,
Belleville.

August 30th, 1905.

CONTRACTS OPEN.

EDMONTON, N. W. T.— The W. B. Marshall Co. expect to build a flax mill here.

GODERICH, ONT.—The gas and elevator by-laws were carried here on the 6th inst.

HULL, QUE.—Tenders for three concrete bridges have just been taken by J. F. Boult, City Clerk.

CHATHAM, N. B.—By the casting vote of the Mayor it has been decided to install a new electric light plant.

ST. JOHNS, QUE.—The corporation will take steps to furnish a water supply for the Singer Manufacturing Co.

PHOENIX, B. C.—Plans prepared by Frank Knott have been accepted for a new city hall, to cost about $4,000.

DAUPHIN, MAN.—The ratepayers have voted in favor of raising $5,000 to install a municipal telephone system.

CRANBROOK, B. C.—Baker, Ryan & McNab will build a saw mill on the Kootenay river at McConnell's ranch.

TWEED, ONT.—The trustees of the Roman Catholic Separate School purpose erecting a new building, at a cost of $2,000.

PORT DALHOUSIE, ONT.—The question of constructing a waterworks system will be again taken up at an early date.

COWANSVILLE, QUE.—Mr. McDowall has submitted a proposition to the town to establish a thread factory here.

WATERLOO, QUE.—Mr. Savaria has asked the town for a bonus of $30,000 to assist in the extension of his knitting factory.

NIAGARA FALLS, ONT.—E. Cruikchank, Secretary, will receive tenders up to 25th inst. for erection of hospital building.

DUNDAS, ONT.—John Bertram & Sons have advised the Council of their intention to make improvements to their plant.

CHILLIWACK, B. C.—The by-law to construct drainage works within the municipality was defeated by a large majority.

KILLARNEY, MAN.—The Board of School Trustees have decided to postpone the erection of a new school until next year.

ST. BONIFACE, MAN.—The Western Canada Flour Mills Co. have purchased 34 acres of land for a site for their proposed mills.

OXBOW, N.W.T.—Voting on the by-law to raise $3,000 to purchase a chemical engine and build a town hall takes place on the 22nd inst.

HEADINGLY, MAN.—It has been decided to proceed with the erection of a new school, for which tenders will be invited immediately.

PINKERTON, ONT.—J.J. Donnelly, Clerk Township of Greenock, wants bids by 23rd inst. for purchase of $5,000 4 per cent. 20-year debentures.

INDIAN HEAD, N.W.T.—Tenders close this week for erection of an electric light power house. Particulars from O. J. Godfrey, Town Clerk.

ST. JOHN, N.B.—Plans are being prepared for a new hotel to built by Lewis Green on the site of the present Ottawa and Cumberland structures.

LISTOWEL, ONT.—J. N. Schinbein has purchased the Campbell block on Main street and is having plans prepared for extensive alterations thereto.

NORTH TORONTO, ONT.—The Council have appointed a committee to procure particulars regarding the cost of installing an electric light plant.

KEEWATIN, ONT.—The by-law to provide for a drain on Ottawa street was carried by the ratepayers.—Mrs. Waterson will build a residence on Water street.

GUELPH, ONT.—At the last meeting of the City Council the question of engaging an engineer to report on the best filter system for the city was discussed.

NEW WESTMINSTER, B. C.—The Fraser River Sawmills Co. intend making further additions to their saw mill and installing planing mill and shingle machinery.

COLLINGWOOD, ONT.—Tenders for construction of a sewerage system will be received by John Mair, Chairman Sewer Committee, up to Friday noon, 15th inst.

ORILLIA, ONT.—John C. Rose, Treasurer Township of Orillia, requests bids by 16th inst. for purchase of $1,300 10-year 5 per cent. debentures of School Section No. 10.

AMHERSTBURG, ONT. — James Honor, Clerk Township of Malden, will receive tenders up to 18th inst. for construction of the Bailey drain and two highway bridges.

STURGEON FALLS, ONT.—A by-law to grant exemption from taxation on a sulphite pulp mill to be built by the Imperial Paper Mills of Canada, will be submitted to the ratepayers on the 20th inst.

SASKATOON, N.W.T.—D. W. Beaubier and R. Smith are about to build a stone and brick hotel here 60x70 feet, four stories and basement, steam heating. Plans by W. A. Elliott, architect, Brandon.

BARRIE, ONT.—Thomas Kennedy, architect, this place, is taking tenders up to the 20th inst. for concrete foundation, pressed brick work, carpenter work, plumbing, hot water heating, slating and

galvanized iron work for residence for Miss Hamilton at Beeton.

HARTNEY, MAN.—Bids will be received by T. W. Woodhull up to October 2nd for purchase of $7,000 20-year debentures for purpose of building a town and fire hall and $3,000 for fire protection purposes.

WELLAND, ONT.—Officials of the Plymouth Cordage Co., accompanied by Messrs. Shadd and Wing, architects, were here last week to complete the details for new works, operations on which will be begun immediately.

CALGARY, N.W.T.—Plans are being drawn by Chas. Trunweiser for an addition to the block now occupied by the Calgary Clothing Co.—Wing & Kidney have bought the business of C. T. Gilbert and purpose extending the store.

PARRY SOUND, ONT. — By-laws will shortly be submitted to the ratepayers to raise $22,000 for improving the electric light plant and $25,000 as a bonus to the James Bay Railway Co. for the erection of engine houses and machine shops here.

DAWSON, YUKON TERRITORY.—James Gibbons, of the Yukon Survey Department, is making a survey of the country immediately north of the Klondike river for the purpose of obtaining information concerning the available water supply.

QUEBEC, QUE.—The Department of Public Works, Ottawa, is asking for tenders up to Friday, 15th inst., for construction of a detention building here. Plans at the above Department and on application to P. Beland, Clerk of Works, this city.

GRAND FORKS, B. C.—J. Callahan has completed a preliminary survey of the proposed C. P. R. extension from this place to Vernon.—The fourth smelter to be built by the Dominion Copper Co. will likely be located in the Kettle Valley near this place.

OWEN SOUND, ONT.—Plans are being prepared for the enlarging and remodelling of the block owned by W. H. Tucker.—C. K. Baines, Chairman Building Committee, invites tenders up to 15th inst. for erection of public building for the corporation. Plans at office of Forster & Clark.

VANCOUVER, B. C.—Ald. Edward Cook has decided to erect a three-storey brick block on Water street 33 x 112 feet, cost about $30,000.—W. T. Whiteway, architect, has taken tenders on a warehouse for Kelly, Douglas & Co.—Captain French has purchased four lots on north side of Beach ave. and will build a residence thereon.

TORONTO JUNCTION, ONT.—Two building permits were issued last week, as follows: J. J. Demery, brick residence, cost $1,200; S. Cooper and L. Wilkins, pair of brick residences, Keel street, cost $2,400.—Gunn Bros. have taken out a permit for the erection of their abattoir on St.Clair ave. It will be a four-storey building costing about $100,000.

HALIFAX, N.S.—Tenders are requested by the Department of Public Works, Ottawa, by Monday, 18th inst., for construction of detention building here. Plans on application to C.E.W. Dodwell.—The Council have decided to pave Gottington street, between Cornwallis and Cunard streets, with bitulithic.

CHATHAM, ONT.—A committee has been appointed by the City Council to report on the necessary improvements to the electric light plant. It is probable that a new dynamo and new lamps will be installed.—Angus Smith, C.E., has been instructed by Howard Township Council to prepare plans for improvements to Field's creek.—Albert Jahnke will erect a two-storey brick building, 25 x 128 feet, cost $6,000.

BRANTFORD, ONT.—The Dominion charter for the building of the radial railway between Brantford and Hamilton was last week handed over to the company represented by Senator Kennedy and Mr. Haines. This is said to make the building of the road an absolute certainty.—It is understood that the Heinz Co. have practically decided to erect a pickling factory here.—It is likely a new collegia e institute will be built within a a year. t

VICTORIA, B.C.—Messrs. Pemberton are considering the erection of a brick and stone business block on the corner of Broad and Broughton street.—The latest proposition in connection with the waterworks question is that $150,000 be provided for the purpose of enlarging the supply from Elk and Beaver lakes.—The Fruit Growers' Association have decided to erect a plant for preserving fruit.—W. Ridgeway Wilson, architect, is preparing plans for a residence for J. A. Mitchell to be built on Rockland ave.

LONDON, ONT.—It is stated that the Grand Trunk Railway have had plans prepared for improved facilities here costing upwards of $1,000,000 and including new station and freight sheds.—A. O. Graydon, City Engineer, desires tenders by 5 p. m. on Thursday, 14th inst., for paving of King street, from Wellington to Maitland, also for raising the breakwater from Douglas ave. to Wilson ave.—J. H. Vroman will build a two-storey brick residence on corner of Duchess ave. and Cathcart street.—Plans are being prepared for a depot to be built on Horton street for the Southwestern Traction Co.—Steps will likely be taken to build a new school at Chelsea Green.

OTTAWA, ONT.—Plans are now being prepared for an addition to the Parliamentary library. The contract will likely be awarded this Fall.—The Minister of Public Works has commissioned Mr. Lafleuer, Chief Engineer of the Department, to report on the feasibility and cost of constructing a tunnel under Northumberland Straits to connect Prince Edward Island and New Brunswick.—The Railway Commission has signed the order made a few days ago requesting the construction of a subway at the Canada Atlantic Railway tracks on Bank street.—It is proposed to construct a bitulithic pavement on Elgin street, between Sparks and Wellington.

FORT FRANCES, ONT.—It is said that the C. Beck Manufacturing Co., of Penetanguishene, are considering the erection of a saw mill here.—Notice has been given of a by-law to be introduced in council to provide for the issuing of debentures to build sewers in accordance with the plans of the town engineer.—George A. Graham has acquired all the property facing on the north-east corner of Scott and Front streets and intends erecting a large tourist hotel.—William Bishop is having plans prepared for new hotel on Front street, 40 x 75 feet, three-stories, brick veneer.—The Council have decided to submit a by-law to the ratepayers to provide for the installation of an electric light plant.

PETERBORO, ONT.—E. M. Elliott, County Clerk, will receives tenders up to 16th inst. for construction of a steel bridge over the Indian river between the Townships of Douro and Otonabee. Plans at office of John E. Belcher, County Engineer.—A by-law will probably be submitted to the electors in January to raise $25,000 for fire protection, including new station, fire engine, chemical engine, ladders and fire alarm system.—J. J. Lundy, of this town, has sold Jacobs island in Pigeon Lake to Mowry Bates, of Baltimore, who will erect a large cottage thereon.—The Peterboro Radial Railway Co. are about to let the contract for addition to their car barns, 40 x 60 feet, one-storey, brick.

HAMILTON, ONT.—T. Beasley, City Clerk, will receive tenders up to Friday, 15th inst., for construction of pipe sewers on Sherman ave., Catharine street and Myrtle ave.—Building permits have been granted as follows: A. E. Spankling, brick residence, Dundurn street, cost $1,500; A. W. Peene, brick residence on Wentworth street, between Main street and Aikman ave., cost $2,500; Ald. Allen, three brick residences, corner of Young and Walnut streets, cost $5,100, and one on Seventh street, cost $1,700.—George Vanderlip and Walter Noble are arranging to build six dwellings on Huron street.—It is now stated that work on the drill shed will not be commenced until next spring.—Medical Health Officer Roberts has recommended that sewers be built on the following streets: Railway, Harriet, Shaw, Albert road, Victoria avenue, between Ferrie and Barton streets, Strachan, from Mcnab to Mary street; Macnab, from Picton to Burlington street; Hughson, from Ferrie to Wood street, and Bay, from Simcoe to Ferrie street.

MONTREAL, QUE. — Notice has been given of the intention of the Council to construct sewers in the following streets: Boyer street, from Gilford street north, about 750 lineal feet; Boyer street from St. Zotique street to near the northern city limits; Cardinal street from Laurier avenue to St. Gregoire street; Comte street from St. Denis to near western city limits; Dumont street from Elizabeth to Sherbrooke street; Elizabeth street from de Lorimier avenue to Dumont street.—The St. Maurice Railway Co., of which Senator Robert Mackay is president, are inviting tenders for the construction of the road from Three Rivers to Shawinigan, about 22 miles.—The Dominion Parliament last session granted $50,000 towards the extension of the Inland Revenue building in this city. The city has been requested to give for the purpose a strip of land in front of the existing building.—The deed of the real estate on St.Catherine street, corner of Peel, purchased by the Robert Simpson Co., of Toronto, for a departmental store, has been registered.

WINNIPEG, MAN.—F. E. Fulljames has purchased the property at the north-west corner of Juno street and McDermot ave. and intends building a fine residence.—The trustees of the Maryland Methodist church will request architects to submit plans for enlarging the edifice. Next spring it is probable a parsonage will be built.—It is stated that C. B. Smith, C. E., of Toronto, who was engaged by the City Council to report on the available power sites on the Winnipeg river, will recommend the "Big Bonnet" falls as the most advantageous power.—A committee of the City Council will likely visit a number of American cities with a view of getting information regarding gas producer plants.—Several expensive pavements are about to be undertaken by the city, including the following: Asphalt on Burrow ave., from Salter to McGregor street, cost $23,504; on Florence ave., from Pembina to Fisher street, cost $14,685; on Agnes street, from Levinia to Ellice ave., cost $8,538; on Salter street., from overhead bridge to Selkirk ave., cost $14,954; on Portage ave., from Maryland ave. to Omand bridge, cost $152,332; sewer in Pembina street, from Florence to Kylemore ave., cost $3,866.—A by-law will be submitted to the ratepayers at the next municipal election asking permission to issue

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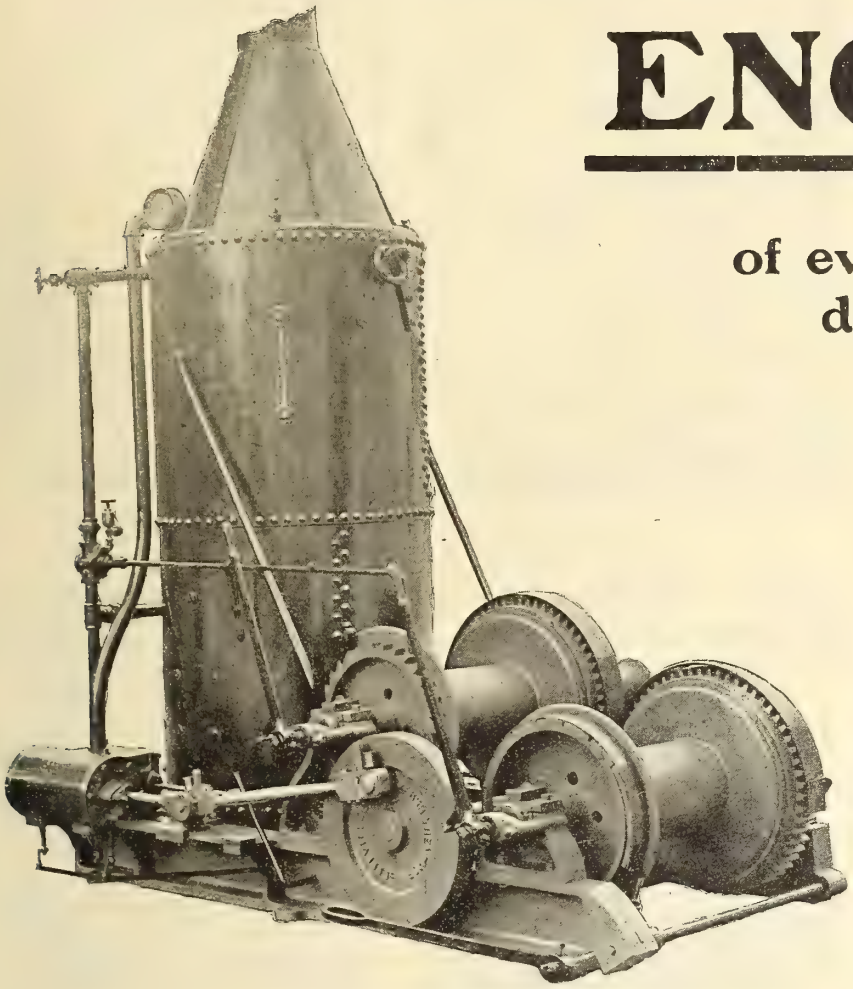

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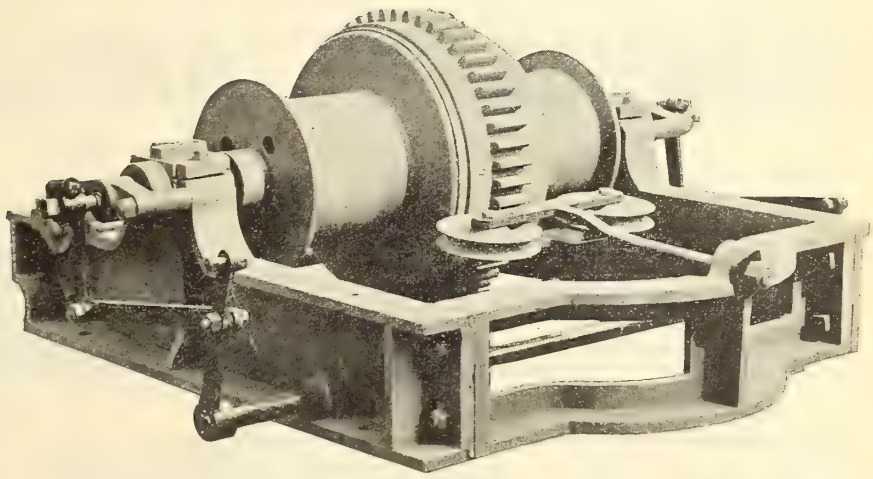

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debentures for the installation of a municipal gas plant.

TORONTO, ONT.—The time for receiving tenders for supply of a 30-ton suspension stock scale in the sheep barn at the Cattle Market has been extended to the 19th inst.—The resident engineer at this city has been requested to report to the Department of Public Works, Ottawa, upon the necessary works for the protection of the island west of the breakwater.—The City Engineer has asked the Board of Control for $4,500 to construct temporary piling on the lake shore at the Island, between Clandeboye ave. and Hooper ave.—A. R. Denison, architect, has prepared plans for a five-storey brick and steel building to be built on the north-west corner of Bay and Piper streets for George H. Hees, Son & Co. — Tenders are invited by the Board of Control up to Tuesday, 19th inst., for construction of macadam pavements on Dufferin street, from Bloor street to city limits, and on Elizabeth street, from Queen to College; bitulithic pavement on Ossington ave., from Dundas to College; tar macadam pavement on Hawthorne ave., frome Dale to 842 feet north; brick pavement on track allowance on Dovercourt road, from Bloor to Van Horne street, also for a number of concrete walks and sewers.—Building permits have recently been issued as follows : John Brown, two-storey brick and stone dwelling, Summerville ave., near Yonge street, $2,500 ; A. Pike, pair two-storey brick dwellings, stone foundation, Shaw street, near Bloor, $4,000 ; F. Williams, two pair one and a half-storey dwellings, concrete and cement blocks, Palmerston ave., near Follis, $6,000 ; E. Taylor, pair two and a half-storey brick and stone dwellings, corner Hepbourne and Delaware ave., $4,000 ; J. J. McLaughlin, two-storey concrete brick stable, east side Sherbourne street, near Shuter, $7,000 ; W. D. Wilson, two detached and one pair semi-detached two-storey and attic stone and brick dwellings, Bernard ave., $12,000 ; A. C. Thompson, two-storey brick store and dwelling, Dundas street, near Morrow ave., $3,000 ; W. Pinnock, pair two-storey brick and stone dwellings, Gore Vale ave., near Queen street, $4,400 ; W. Pinnock, pair two-storey brick and stone dwellings, Bellwoods ave., near Queen street, $4,400 ; R. C. Vaughan, two detached two storey and attic stone and brick dwellings, Roxborough ave., near Yonge street, $4,500 ; Chas. Mould & Co., four pair two-storey brick veneer dwellings, Regent street, $16,000 ; Fred S. Duff, pair two and a half-storey stone and brick dwellings, Grace street, $4,000 ; A. M. Heath, two-storey stone and brick dwelling, No. 195 Madison ave., $3,800 ; Mr. Summerville, two-storey and attic brick and stone dwelling, Wright ave., $2,500 ; John Ramsey, pair two-storey roughcast dwellings, brick fronts, 26 and 28 Tiverton ave., $3,000 ; Samuel Schwartz, pair two-storey brick and stone dwellings, Agnes street, near Centre ave., $2,800 ; Wm. Clark, pair two-storey brick dwellings, Farnham ave., near Avenue road, $6,000 ; Major Keefer, two-storey and attic brick dwelling, St. George street, near Bernard ave., $11,000 ; Francis Jones, pair two-storey brick dwellings, Dufferin street, near Lindsay ave., $3,600 ; J. D. Chalwill, two-storey and attic stone and brick residence, Crescent road, near Scarth, $6,000 ; G. Carruthers, two-storey brick dwelling, Indian road, near High Park ave., $5,000 ; J. S. Montgomery, three pair two and a half-storey brick and stone dwellings, Manning ave., near Lennox, $18,000 ; A. Norman, pair two and a half-storey brick and stone dwellings, Olive ave., $6,000 ; King Bros., four pair two-storey roughcast dwellings, corner Symington and Irving aves., $10,000 ; T. R. Whitlam, two-storey brick veneer dwelling, cement foundation, 90 Caroline street, $2,500 ; Edmund Hardy, two-storey brick dwelling, Rusholme road, near College street, $3,000 ; Fairbanks-Morse Canadian Mfg. Co., two-storey machine shop, steel and concrete, s.s. Bloor street, near northern tracks, $60,000 ; Geo. Cruise, pair two and a half-storey roughcast dwelling, concrete foundation, cement stone front, Pape ave., $2,500 ; A. A. Barthelmes, one pair two-storey and attic brick and stone dwellings, corner Kendall ave. and Wells street, $5,000 ; B. E. Walker, one-storey

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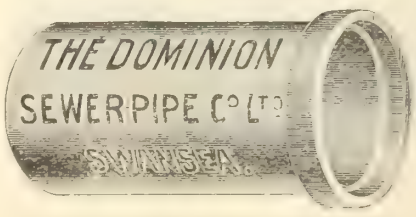

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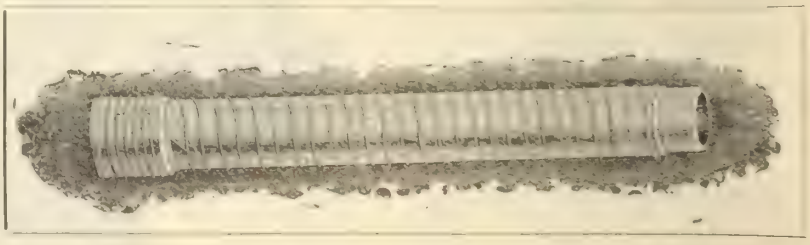

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brick and stone addition to residence, 99 St. George street, $5,000; Geo. Buckner, pair two-storey and mansard brick dwellings, corner Brooklyn and Dagmar ave., $3,800; H. C. Boultbee, six-storey brick office building and four stores, corner Queen and Victoria streets, $33,000; H. S. Mara, three pair two and a half-storey brick and stone dwellings, Gore Vale ave., near Arthur, $11,500; Page & Britnell, two pair two-storey and attic stone and brick dwellings, Dovercourt road, near Avenue road, $9,800; W. G. Jones, two and a half-storey brick dwelling, Castle Frank crescent, $3,500; John B. Jackson, three attached two-storey and attic dwellings, brick, stone and roughcast, Dundas street, near St. Clarens ave., $5,000; F. W. Matthews, two and a half-storey brick dwelling, College street, near Dovercourt road, $2,800; Dr. M. W. Sparrow, two and a half-storey stone and brick dwelling, Queen street west, near Jameson ave., $5,000; H. F. Squires, two-storey and attic stone and brick detached dwelling, Palmerston Boulevard, near Herrick street, $4,500; City Dairy Co., three-storey stable, reinforced concrete, between College and Oxford streets, on College street, $25,000.

CONTRACTS AWARDED.

BATTLEFORD, N.W.T.—Knox Presbyterian church: William Moore, contractor.

CHATHAM, ONT. — Alterations to residence of Dr. McFarlaine on Victoria ave.: Blonde Bros., contractors.

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PERTH, ONT.—Plumbing system in Collegiate Institute building: W.G. Butler, successful tenderer, $1,090.

VICTORIA, B.C.—Residence on Rockland ave. for Dr. F. H. Sterling: S. Maclure, architect; F. J. Mesher, contractor.

ST. BONIFACE, MAN.—Erection of town hall on Provencher ave.: William A. Grace & Co., successful tenderers, $33,801.

NEWMARKET, ONT.—$10,000 town debentures: Dominion Securities Corporation, purchasers, $9,971 and accrued interest.

WESTMOUNT, QUE.—$150,000 4 per cent. 40-year municipal bonds: Montreal City & District Savings Bank, purchasers, at 101.

PETERBORO, ONT.—Addition to factory of the American Cereal Co.: William Langford, contractor; 110×85 feet, brick, cost $35,000.

LONDON, ONT.—Steel bridge east of Richmond street for the Southwestern Traction Co.: Hamilton Bridge Co., contractors, price about $18,000.

HAMILTON, ONT.—Improvements to office building of Bank of Hamilton: Wm. Grace & Co., Montreal, bulk contractors. They will sublet several trades.

KEEWATIN, ONT. — Allis-Chalmers Company, Limited, are understood to have secured the contract for machinery for the new mill to be built by the Keewatin Flour Mills Co.

QUEBEC, QUE.—1,500 feet of fire hose: Canadian Rubber Co., successful tenderer, Red Cross brand, 75 cents per foot.—Repairing and raising waterworks dam: Ignace Billodeau, successful tenderer, $4,575.

ST. JOHN, N. B.—Dredging of harbor: G. T. Mayes, contractor.—John Kline, of Halifax, was the only tenderer for granite blocks for the paving of Water street, his price being $2.16 per yard or $65 per thousand.

NAPANEE, ONT.—Contracts for electric light plant for the town have been accepted as follows: Allis-Chalmers-Bullock, Limited, Toronto, two generators, $5,480; R. E. T. Pringle Co., Montreal, 25 arc lamps and equipment, two transformers and regulators, $1,475.—The tender of the Montreal City & District Savings Bank has been accepted for purchase of $35,000 4 per cent. town debentures; price $33,725.

GUELPH, ONT.—Tenders for supply of additional plant and extension of gas

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works have been received from the Empire Gas Construction Co., New York, $[illegible] (accepted); Canadian Gas Apparatus Construction Co., Windsor, Ont., $64,000; Economical Gas Apparatus Co., Toronto, $66,153; and John Coates & Co., Ottawa, $68,875.

WINNIPEG, MAN.—Supply of steel well caisson: Polson Iron Works, Toronto, successful tenderers, $3,403 f.o.b. Winnipeg.— Dobson & Jackson have been awarded the contract for sewer in Stella ave. at $1,516.50, and in Sutherland ave. at $3,266.—The contract for an additional 100 miles of the Wetaskiwin branch of the C. P. R. has been awarded to J. D. McArthur, of this city.—Store at corner of Salter and Flora streets for W.B. Francis: Doner & Co., contractors.

HARROW, ONT.—The following tenders were received by the Township Council for drains and bridges: Richmond drain —F. B. Campbell, excavation and bridges, $13,387; Laird & Hassett, excavation and bridges, $12,000; J.B. Brown, bridges, $2,200; James Drake, bridges, $2,250; Albert Mulder, bridges, $2,220. Olsen drain—John Lewis, excavation, $624, with bridges, $710; J.R. Pollard, excavation, $625; John Mulder, $645; John Larrabee, $657; Arthur Coates, $650; Albert Lewis, $590; Yens B. Olsen, ditching and bridges, $700; Campbell & Kennedy, $630; Wylie Greyer, $625. Long Marsh drain (Colchester's portion)—John Larrabee, $657; John Lewis, $700; John Mulder, $750; Campbell & Kennedy, $735; George S. Heaton, $752. The latter was awarded to John Larrabee, the Olsen drain to Albert Lewis, while on account of the tenders for the Richmond drain being above the engineer's estimate, no contract was awarded.

FIRES.

Factory of the Eustache Canning Co., at St. Eustache, Que., totally destroyed, loss $40,000.—Creamery at Kinmount, Ont., owned by Graham Bros. & Co., loss $6,000.—Woodworking factory at Riverside, N.B., owned by Captain Edmund Kinnie; loss $6,000.—Storehouse at Buckingham, Que., owned by E. M. Lapierre. —Saw mill of the Elk Lumber & Manufacturing Co., Fernie, B.C., totally destroyed; loss $75,000.

BIDS.

HALIFAX, N. S.—The City Council received the following tenders for supply of 1,000 gal. steam engine; Waterous Co., Brantford, $6,000 delivered, with black boiler $5,950; Merryweather & Sons, London, Eng., engine of 10,864 pounds, $9,200 f. o. b. Halifax. Canadian Fire Engine Co., London, Ont., 10,500 pounds, $7,000; 800 gallons, 8,000 pounds, $6.350; 600 gallons, 6,000 pounds, $5,750. E. D. Adams, LaFrance engine, 900 gallons, $7,000; 1,000 gallons, $7,250; Metropolitan engine, 900 gallons, $7,000; extra size, 1100 gallons, $7,250; Amoskeag, 900 gallons, $7,230, extra size 1100 gallons, $7,450. John Starr, Son & Co., Merryweather engine, 1,080 American gallons, 900 Imperial, $5,430. The contract will likely be let this week.

NEW COMPANIES.

Hayne Milling Company, Limited, Brigden, Ont., incorporated, capital $40,000, to manufacture flour, etc. Directors, John J. Hayne, John Wheeler, and others.

Regal Incubator Company, Limited, Toronto Junction, Ont., incorporated, capital $80,000. Directors, E. R. Rogers, Toronto Junction, John Cooney, Brampton, and others.

Hough Lithographing Company, Limited, Toronto, incorporated, capital $40,000. Directors, James Miln, Robert Miln and Henry Hough.

Canada Paper Box Company, Limited, Montreal, incorporated, capital $20,000. Incorporators, E. A. Forbes, P. F. Richardson, and others.

North River Power Company, Limited, Montreal, incorporated, capital $90,000, to manufacture machinery and apparatus for the development of power. Incorporators, Robert Bickerdike, Albert Fogarty, and others.

Colonial Portable House Company, Limited, incorporated at Victoria, B.C., capital $10,000, to acquire from Archibald Rowan, of Vancouver, his patents in relation to portable houses.

Southern Okanagan Power Company, Limited, incorporated by the British Columbia Government, capital $50,000.

Vancouver Timber & Trading Company, Limited, Vancouver, B.C., incorporated, capital $100,000, to carry on a general lumber business.

Builders' Equipment Company, Limited, Winnipeg, incorporated, capital $120,000.

Myers Iron Fence Company, Limited, Winnipeg, incorporated, capital $30,000, to acquire the business of the Myers Fence Company and the Canadian Implement Company.

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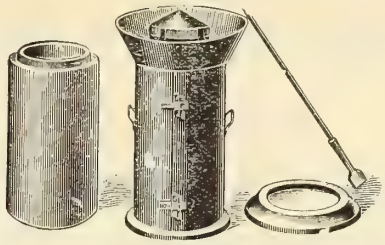

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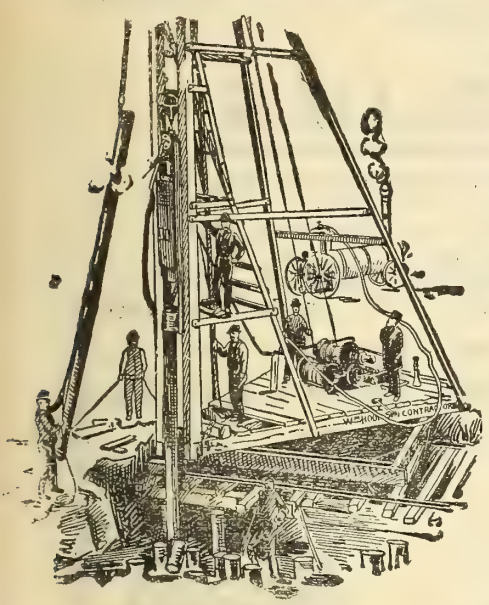

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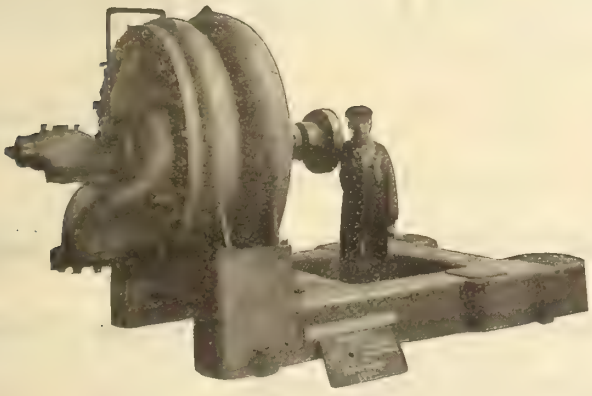

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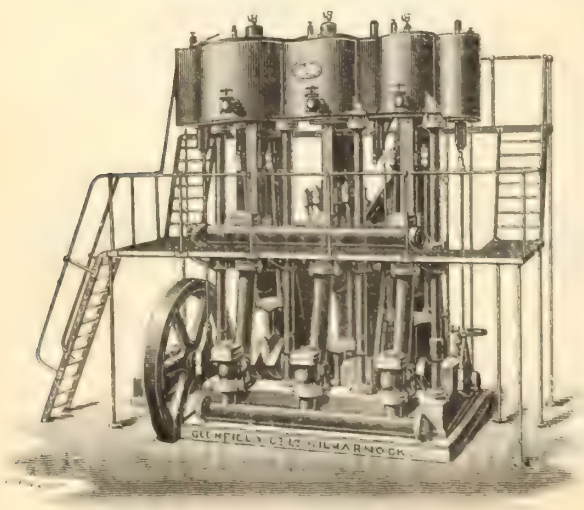

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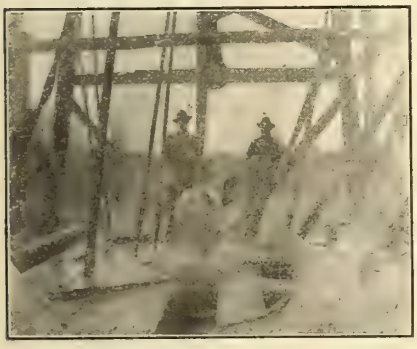

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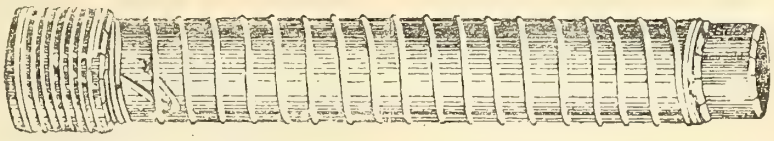

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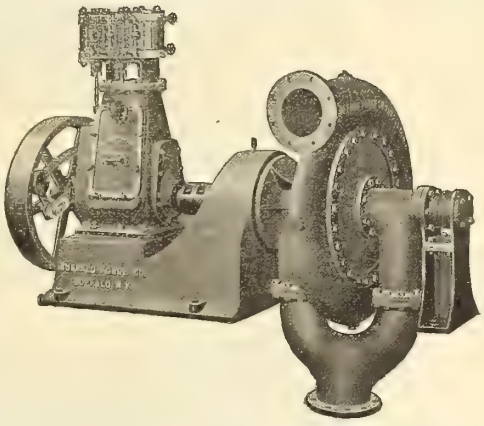

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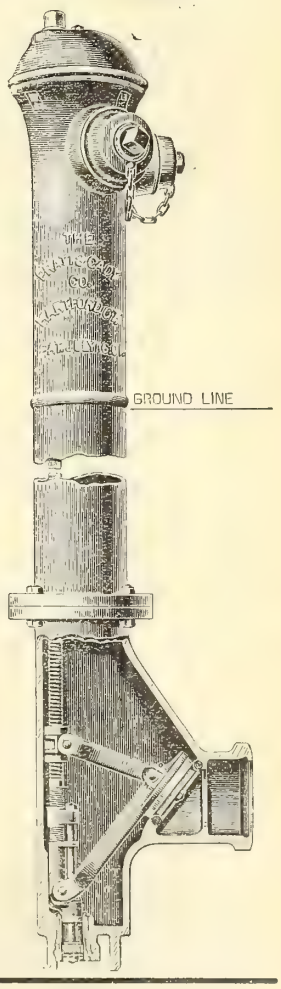

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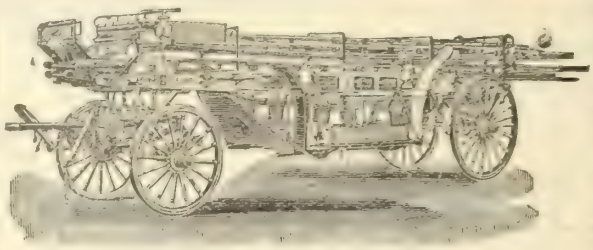

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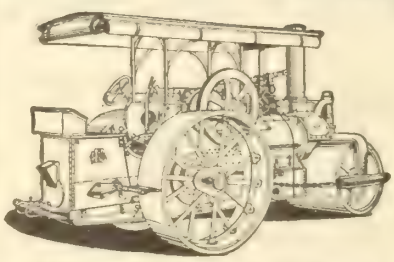

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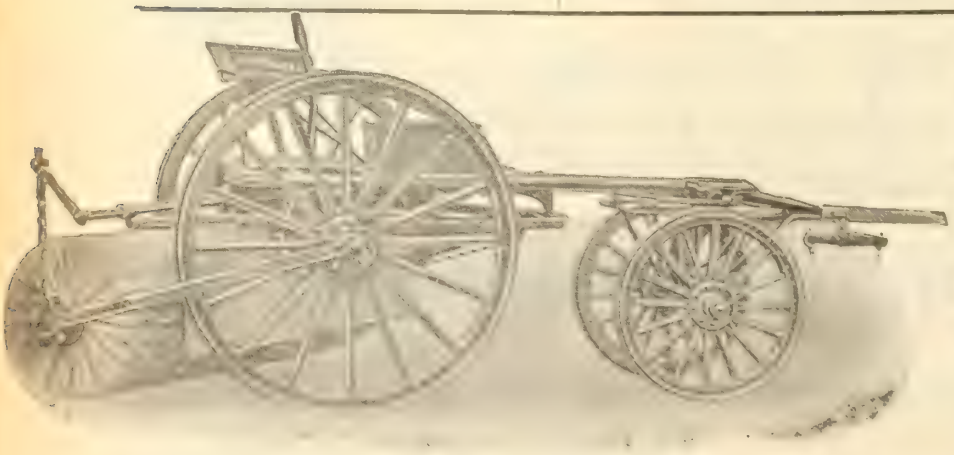

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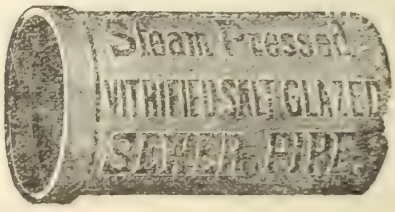

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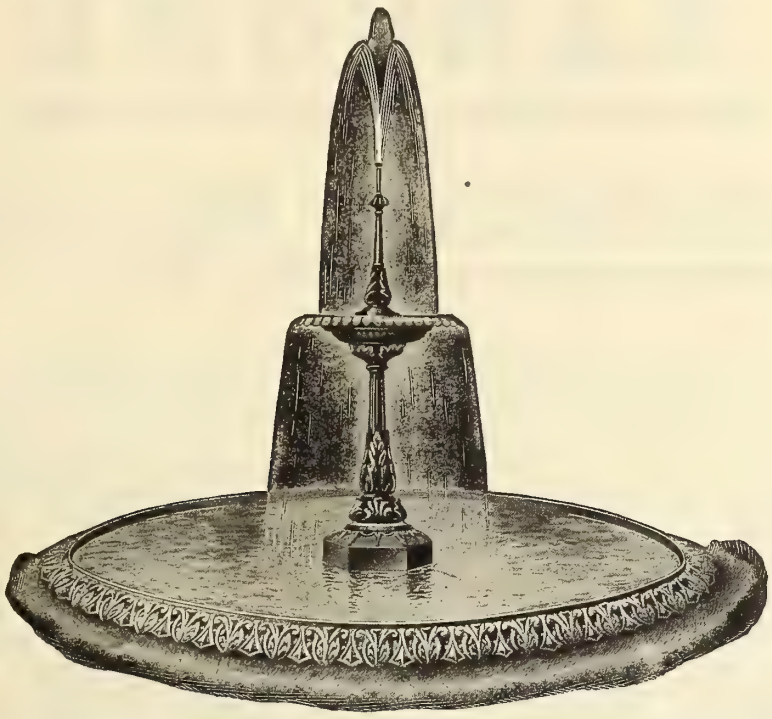

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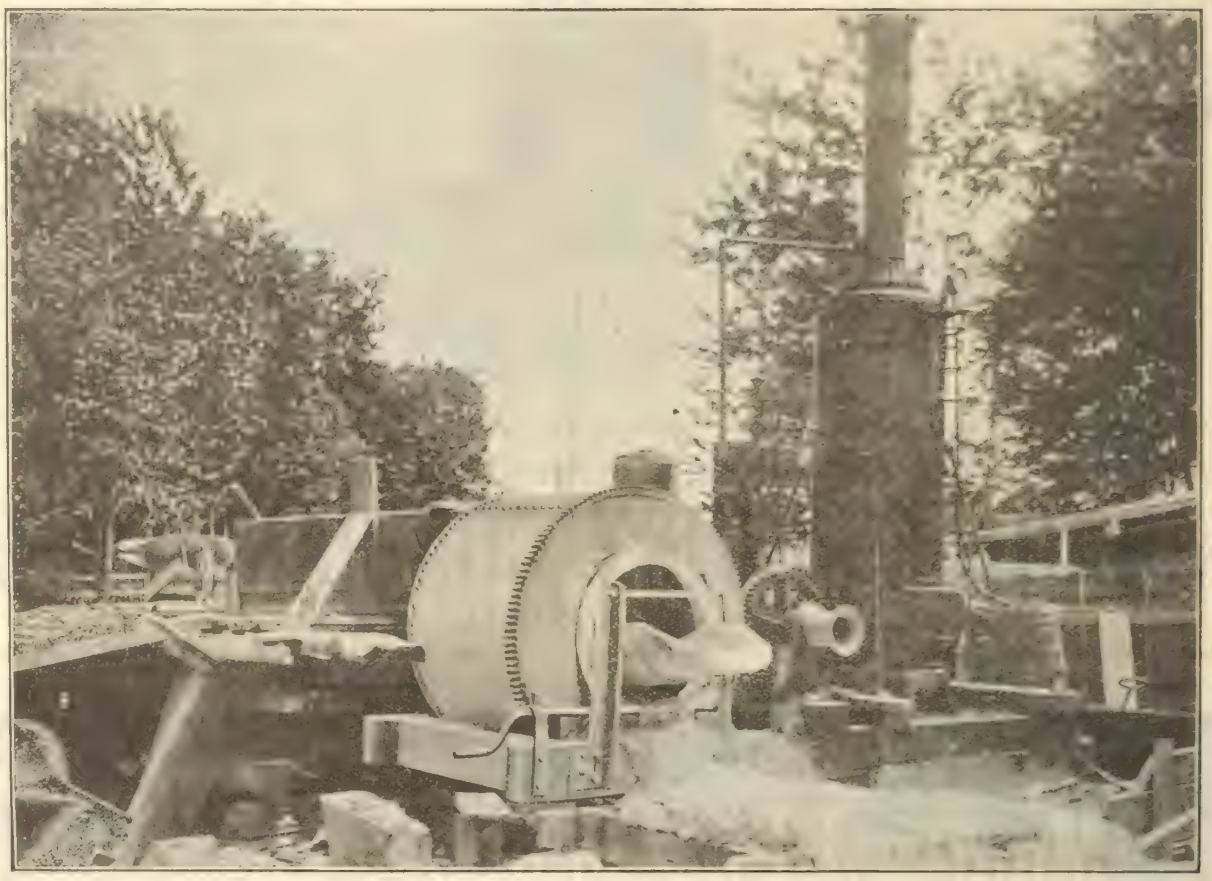

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Contract Record

A Weekly Journal of Public Works, Tenders, Advance Information and Municipal Progress

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VOL. 16. TORONTO, MONTREAL — SEPTEMBER 20, 1905 — WINNIPEG, VANCOUVER No. 29

THE CANADIAN CONTRACT RECORD
PUBLISHED EVERY WEDNESDAY
As an Intermediate Edition of the Canadian Architect and Builder.

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TENDERS

for Concrete Dam will be received by John S. Fielding, C.E., for the Construction of a Dam at Hespeler for The R. Forbes Woolen Mills Company up to SEPTEMBER 25TH. Plans and specifications to be seen at the office of

JNO. S. FIELDING, C.E.,
Consulting Engineer,
15 Toronto St., Toronto.

Town of Medicine Hat

Debentures For Sale

Tenders, marked "Tenders for Debentures," will be received up to the 15TH OF OCTOBER, 1905, for the purchase of a $15,000 block of "Public Park and Garden" Debentures of the Town of Medicine Hat. These Debentures bear interest at 5 per cent., are dated September 30th, 1905, and are re-payable in 20 equal annual instalments of principal and interest.

The highest or any tender not necessarily accepted.

For further information address the undersigned.

W. N. ADSIT, Secy-Treas.,
Town of Medicine Hat, N.W.T.

Tenders for Bridge

Sealed tenders hereby requested by the Corporation of the County of Hastings, up to noon of SATURDAY, 23rd SEPTEMBER, 1905, with plans and specifications, for one steel bridge, 69 feet long and 16 feet wide in the clear, to be erected on stone abutments 64 feet apart on top, near Gullett's Mill in Rawdon, about 4 miles north of Hoard's Station and 6 miles from Stirling

Said bridge must have steel joists and be strong enough for concrete floor and to carry a moving load of 125 pounds to each square foot of roadway.

The abutments will be ready by 1st November and the steel structure to be complete ready to put flooring on by the 15th November, 1905.

Tenders need not include flooring.

Payment when bridge is complete and accepted.

Lowest or any tender not necessarily accepted. Address

WM. R. AYLSWORTH, County Clerk,
Belleville.

August 30th, 1905.

BUSINESS CHANCE —A Toronto engineering and construction company wants competent bookkeeper for secretary-treasurer. Must invest $1,500 cash. Address, "Secretary," CONTRACT RECORD.

DEBENTURES FOR SALE

Tenders will be received up to NOON OF OCTOBER 18TH, 1905, for the purchase of $20,000 Debentures of the Qu'Appelle School District No. 2, repayable in thirty equal annual instalments at five per cent. interest.

J. C. STARR,
Secretary-Treasurer,
School District No. 2 Qu'Appelle, Sask.

DEBENTURES

The County of Waterloo propose to issue debentures for $7,000, at 4 per cent., in December next.

For particulars apply to

H. J. BOWMAN,
County Clerk.

Berlin, Sept 11, 1905.

Notice to Contractors

The time for receiving tenders for the construction of the superstructure of the Town Hall in the Town of Qu'Appelle, Sask., has been extended to SEPTEMBER 27TH, 1905.

Plans and specifications may be seen at the office of the Secretary-Treasurer, or at the offices of W. M. Dodd, Architect, Regina, Sask., and Calgary, Alta.

The lowest or any tender not necessarily accepted.

J. C. STARR,
Secretary-Treasurer,
Town of Qu'Appelle, Sask.

CONTRACTS OPEN.

BRADFORD, ONT. — The Grand Trunk Railway will likely build a new station here.

LACOMBE, N.W.T.—The Council have decided to get expert opinion on a water supply.

BEAVERTON, ONT.—A. Moore has purchased a lot on Bay street on which to build a residence.

PORT HOOD, N.S. — A building suitable for their purposes will be built by the Bank of Montreal.

LUNENBURG, N.S.—The Bank of Montreal have purchased a site here on which to build a new bank.

GUELPH, ONT.—The question of a water filtration system has not yet been decided by the City Council.

LETHBRIDGE, N.W.T.—E. T. Galt has donated $5,000 for a nurses' home in connection with the hospital.

ACTON, ONT.—It is understood that the Dominion Government will build a new drill shed here next year.

UXBRIDGE, ONT. — The Council will look into the question of acquiring and operating an electric plant.

HULL, QUE.—The City Council have appointed a committee to dispose of $45,000 of waterworks debentures.

QUEBE, CQUE.—Premier Gouin has announced that the Government intend erecting a new Normal school for girls.

LONDON, ONT.—The Congregation of St. Paul's United Evangelical church are considering the erection of an edifice.

SHALLOW LAKE, ONT.—Richard Dealy will receive tenders up to 23rd inst. for building an addition to public school.

STRATFORD, ONT.—A by-law will probably be submitted to the ratepayers in January to raise $56,000 for storm sewerage.

GIMLI, MAN.—T. J. Thomas is constructing a dam to provide the necessary power for a saw mill which he purposes building.

FORT WILLIAM, ONT.—The by-law to raise $30,000 for buying land and building a school has been sanctioned by the ratepayers.

PORT STANLEY, ONT.—James A. Bell, of St. Thomas, has been engaged to report on the cost of a waterworks system for this place.

BIRTLE, MAN.—The Town Council are calling for tenders for the reconstruction of the old dam for the purpose of making an artificial lake.

HARRISTON, ONT.—A by-law was carried here on Friday last to loan the sum of $10,000 to the Canada Stove Works for the establishment of a factory.

NIAGARA FALLS, ONT. — The Council have decided to engage an expert hydraulic engineer to report as to the best plan for a permanent water supply.

GRAND FORKS, B. C.—A by-law will likely be submitted to the electors to grant a bonus of $30,000 to the Dominion Copper Co. for the erection of a smelter here.

PINCHER CREEK, N.W.T.—The Bank of Commerce are preparing to build on the lot recently purchased. It is understood that the Union Bank will also erect a building.

FREDERICTON, N.B.—The directors of the New Brunswick Telephone Co. have decided to install a central energy system in the new exchange now under construction.

TORONTO JUNCTION, ONT. — Members of L.O.L. Nos. 900 and 602 are considering the erection of a hall.—The Canada Cycle & Motor Co. intend to extend their factory.

PETERBORO, ONT. — The City Council have decided to purchase a fire engine at once.—Andrew Brown purposes building a residence at corner of Park and Charlotte streets.

OTTAWA, ONT.—Charles Macnab, County Clerk, has just taken tenders for

the reconstruction of Hurdman's bridge, of concrete. McDougall & McRae, Citizens Building, are the engineers.

MOWBRAY, MAN.—J. W. Johnston, Secretary Treasurer of the village, will receive tenders up to 29th inst. for erection of a two-storey frame school. Plans at office of John Gayton, Manitou.

CHARLOTTETOWN, P.E.I.—C. B. Chappel, architect, is preparing plans for proposed additions to the Prince of Wales College, to be 79 × 100 feet. New heating apparatus will be installed.

ORILLIA, ONT.—The directors of the Y.M.C.A. are making a vigorous effort to secure sufficient subscriptions to warrant them in proceeding with the erection of their new building this Fall.

REGINA, N.W.T.—Ten of the plans submitted for new city hall have been reserved for consideration, and a selection will be made in the near future. Some of the plans call for an expenditure exceeding $200,000.

BARRIE, ONT.—The School Board have instructed R. Edwards to submit plans for the remodelling of the South Ward school, also for a new building, to include a modern system of heating and ventilation.

PORT ELGIN, ONT.—The ratepayers have sanctioned a by-law to raise $4,000 to build a spur line of railway to connect the G.T.R. with the harbor and for the establishment of a saw mill here by Mr. McVicar.

MOOSE JAW, N.W.T.—Tenders for heating and ventilating the new public school will be received by H. Jagger up to September 30th. Plans at office of W. A. Elliott, architect, Brandon, and at the Builders' Exchange, Winnipeg.

WOODSTOCK, ONT.—The by-law to provide $50,000 for improving the waterworks and lighting systems was carried here on Monday last. The improvements will include a reservoir, a water main to the new epileptic hospital and new electrical machinery.

HAMILTON, ONT.—A by-law will probably be submitted to the ratepayers in January to raise $37,000 for an overflow sewer and a sewer for the East End Annex.—It has been decided to pave York street with asphalt and to build the extension to the Central fire station.

KINGSTON, ONT. — Surveyors are laying out the route of the Kingston, Smith's Falls and Ottawa railway and it is said that the work of construction will be begun next spring.—The Fire and Light Committee are preparing a report on the necessary improvements to the electric light plant.

ST. JOHN, N.B.—The Common Council will receive tenders up to October 12th for the construction of a new wharf. Alternate tenders will be taken for completing the work by February 1 and August 1, 1906.—It is reported that a new company is being formed with the object of installing an electric plant for the supply of light in St. John and Carleton.

WATERLOO, ONT.—Only one tender was received for construction of a permanent roadway from the Berlin corporation limit to John street, and the figure, $3,750, is considered too high.—The Town Council will shortly invite tenders for improvements to the town hall, cost about $2,000.

NEW WESTMINSTER, B. C. — Wm. H. Moore, of Nelson, B.C., is promoting a scheme for the construction of an electric railway from this city to Spencer's Bridge, on the Thompson river, about 100 miles in length.—The Fourth street sewer, estimated to cost $14,500, is expected to be approved by the City Council.

AMHERST, N.S. — The Maritime Coal & Railway Co. have in contemplation the installation of a steam plant at the mines for the purpose of supplying Amherst with power.—The hotel of A. Peabody has been bought by a company of Amherst men who intend building a new structure on the site.

BRANDON, MAN.—The Redemptorist Fathers have commenced the erection of a large brick building for a hall and school purposes.—Engineers for the Great Northern Railway have surveyed the line from St. John, N.D., to this city and are now engaged in staking out the roadbed. In addition to this line a spur has been surveyed from St. John to Fish Lake.

VICTORIA, B.C.—The British Columbia Electric Railway Co. have purchased a lot on corner of Langley and Fort streets and it is understood will erect a modern office building in the near future.—It is reported that negotiations are proceeding satisfactorily for the erection of a piano factory at Saanich Inlet by the Victoria Chemical Co.—The proprietors of the Victoria Theatre have decided upon extensive improvements, including the remodelling of the entire interior.—Hooper & Watkins, architects, have prepared plans for a fine residence to be built by W. H. Pennock at corner of Head street and Esquimalt road.

BRANTFORD, ONT. — P. Tipson has commenced the erection of a residence on Eagleton street, cost about $1,500.—Wesley Methodist church will probably be enlarged.—The managing committee of the Brantford Club have decided to proceed with the enlargement and improvement of the building.—The Brantford Laundry Co. have purchased the factory of the Murray Estate on Clarence street and will enlarge and remodel it and install new machinery, at a cost of about $6,000. — The Ontario Telephone Co. have applied for a franchise for the establishment of an independent telephone system.—John Moffatt has purchased the property on Dalhousie street owned by Charles Duncan and intends building a livery stable thereon. —L. T. Taylor, architect, has prepared plans for a residence to be built on Arthur street for Mrs. Lillis.—Plans are being prepared for an addition to the warehouse of Ryerson Bros., wholesale fruiters, Durham street.

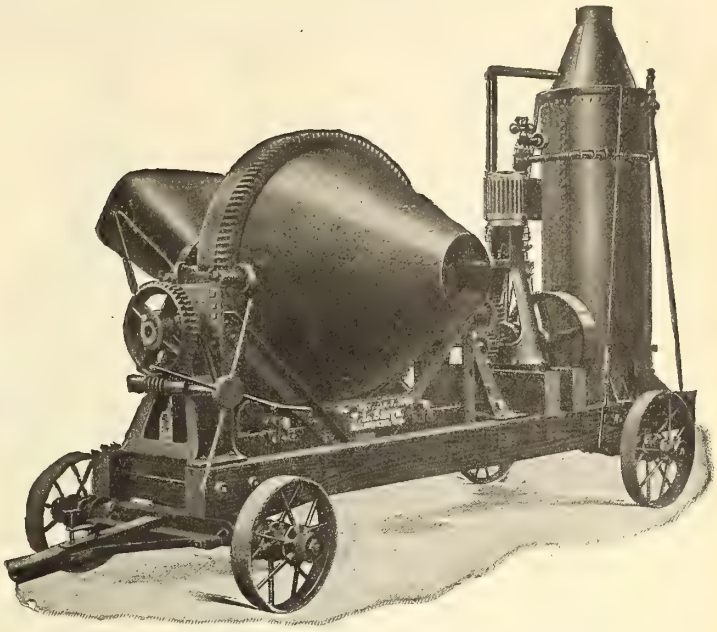
VANCOUVER, B.C.—F. M. Rattenbury, architect, is preparing plans for improvements and additions to the C P R. hotels and chalets in the Rocky Mountains. An addition of probably 50 rooms will be made to the chalet at Lake Louise.—Loewen & Harvey have sold the property at the north-east corner of Pender and Homer streets, and the purchaser will erect a modern block at an early date.—Mayor Buscombe has declared in favor of the city installing its own lighting plant in the event of inability to secure a reduction in rates.—Herman & Burwell, engineers, have submitted to the City Council their report on the character of the bottom of False creek, this being required to permit of a decision on the question of building a new structure next year to replace the present Westminster ave. bridge.—A by-law to borrow $50,000 for road improvements was carried in South Vancouver last week.—The City Council are considering the purchase of an automobile fire engine.

MONTREAL, QUE.—L. O. David, City Clerk, is this week taking tenders for the building of a public bath in Hochelaga Ward. Plans at office of Lecroix & Piche, architects, 5 Beaver Hall Square.—Plans for a look-out on the mountain have been submitted by Beaugrand Champagne and Ross, McFarlane & Outhet, architects. The appropriation for the work is $15,000.—The Water Committee will ask the City Council for $16,000 for the construction of new water mains in Hochelaga Ward.—The announcement has been made that the National Lead Co., of New York, will build a factory in this city.—The Harbor Commissioners have decided to enter into a contract with the J. S. Metcalf Co., of Chicago, for the preparation of plans for a system of conveyors for the elevator.—A. Payfer has made a proposition to the city to erect a new morgue at the corner of Notre Dame and St. Andre streets.—The Protestant Board of School Commissioners have adopted plans for a new senior commercial and technical school.—E. & W. Maxwell, architects, have been granted a permit for the erection of anurses' home at Royal Victoria Hospital, cost $161,000.

WINNIPEG, MAN.—Plans are being prepared for extensive alterations and improvements to McDougall Methodist church, of which Rev. A. E. Smith is pastor.—The Hugo-Ross Realty Co. last week sold a lot in Stradbrook Place, between Nassau street and the Crescent, to a gentleman who intends erecting a $10,000 residence. — Considerable building promises to be done next year in Fort Rouge.—It is understood that the Canadian Malting Co. are having plans prepared for their building and plant to be located on property recently purchased near McPhilips street, probable cost $150,000.—Eade Bros., architects, have taken tenders on a frame residence on Furby street. — Plans of heating and ventilating system for public school at Moose Jaw, Saskatchewan, may be seen at the Builders' Exchange in this city. Tenders close October 1st. —The tenders received for the proposed civic building were much in excess of the appropriation of $200,000, and the Council have decided to postpone the work until next spring and invite new tenders.—The Advisory Board of the Agricultural College have decided on the specifications for the horse and cattle barns and stock-judging amphitheatre, which structures will be built this Fall.—J. A. McRae, of the Saskatchewan Valley and Manitoba Land Co., has purchased the fine Archibald residence on Rosslyn road and an adjoining lot and will build a stable on the latter.—Engineers of the Grand Trunk Pacific Railway are reported to be sounding the Assiniboine river just west of the city limits with a view to selecting a suitable location for a bridge.—The Board of Education have decided to purchase a site for another school and to build an addition to the Strathcona school.—The Canada Life Assurance Co. have decided to tear down the present four-storey building on corner of Portage and Main streets and erect on the site a 16 storey structure costing nearly a million dollars. The plans will be arranged during the winter and work commenced next spring. —Mr. Tuckwell has purchased a site in Fort Rouge west, south of the St. James railway bridge, for a private school which he will erect next year. The Children's Aid Society have also purchased a site for a home in the same locality.

TORONTO, ONT.—The time for receiving tenders for installation of a weigh scale in the sheep barn at the Cattle Market has been further extended to the 26th inst.—The Board of Control have decided upon the conditions which shall govern the competition for plans for the new library building. The total cost of the building must not exceed $250,000, including the heating facilities but not the furniture. The architect whose plans are accepted will be given the execution of the work, the second prize will be $350, third prize $250, and fourth prize $150. The plans must be sent in by January 1.0

WE KNOW AND CONTRACTORS KNOW THAT



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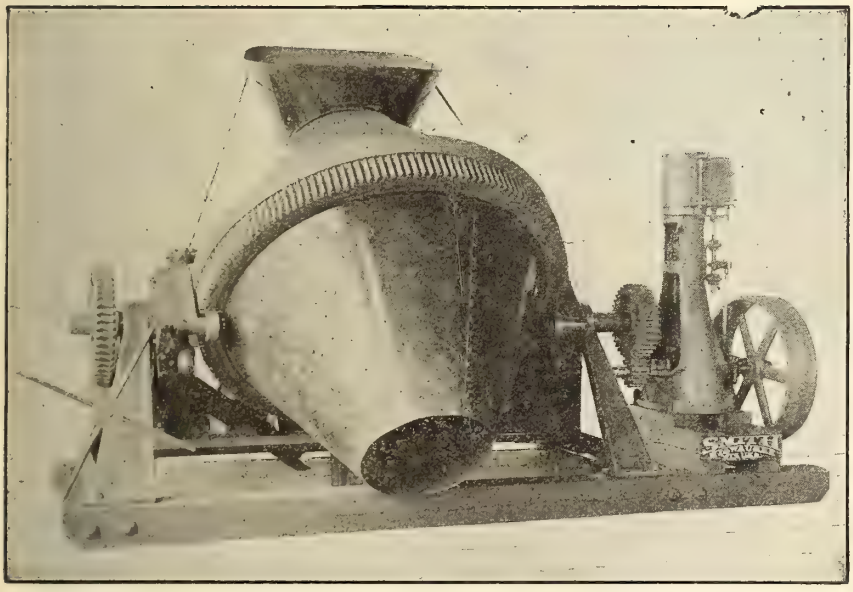

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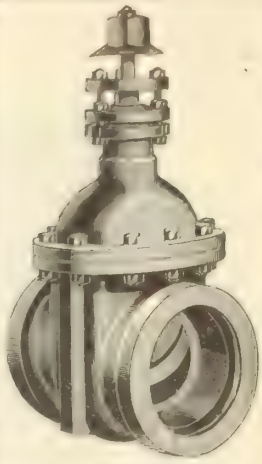
Montreal

At a meeting of the Caledonian Society last week, the question of erecting a central hall for all the Scottish societies was considered and a committee appointed to formulate a plan.—James McDougall, C. E., engineer of York County, will receive tenders up to Friday, 22nd inst., for the construction of two concrete abutments and a concrete floor for a bridge over the west branch of the Black river near Udora. Plans at 57 Adelaide street east, this city.—The Executive Committee of the Exhibition Association have requested the City Council to erect for next year a process and implement building, an agricultural building, a live stock arena and a press building.—The York Radial Railway Co. have decided to rebuild the Mimico car barns on the site of the old ones.—It is understood that the Dominion Government have decided to take steps at once towards the temporary protection of the Island.—The question of constructing a new morgue has again been brought to the attention of the City Council. The Legislature granted the city power to issue debentures to the amount of $20,000 for this purpose, but nothing has yet been done.—The City Engineer has recommended the resurfacing of Yonge street with asphalt on both sides of the street railway tracks, from Queen to Bloor streets, at an approximate cost of $34,946.—The following pavements were recommended: John street, from King to Queen, asphalt, cost $9,109; Arthur street, from Dundas street to Dovercourt road, bitulithic, cost $6,043; Casimir street, from St. Patrick to 193 feet north, cost $1,294; Kintyre ave., from Broadview ave. to Grant street, brick, cost $1,896; Gibson ave., from Yonge street to west end, tar macadam, cost $1,920; sewer on Shaw street, from Bloor to Dupont, cost $11,150; cement concrete sidewalks around the Normal school, cost $2,219.—Building permits have been granted as follows: Washington & Bartlett, three stores and apartment house, corner Broadview ave. and Queen street, brick, cost $20,000; Misses Langton, 2½-storey brick and stone dwelling, Rusholme road, near Dewson street, cost $6,000; C. Kelly, pair two-storey roughcast dwellings, brick veneer front, Logan ave., cost $3,000; D. Block, two-storey roughcast dwellings, brick fronts, 66 and 68 Caroline street, cost $3,000; C. S. Blackwell, brick and stone addition to dwelling, 596 Jarvis street, cost $3,000; St. Matthews Congregation, church on Bellwoods ave., cost $3,800; J. J. McLaughlin, three



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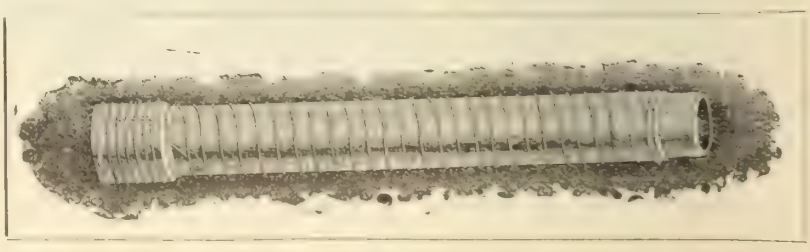

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storey brick and stone stable, Sherbourne street, near Queen, cost $8,500; James Lancaster, alterations and additions to dwelling, 184 Dundas street, cost $2,500; C. Wilson & Co., three-storey warehouse and factory, corner Esplanade and West Market street, cost $7,000; Felix Napley, two-storey brick and stone store and dwelling, Centre ave., cost $3,000; Wm. Scott, two two-storey and attic brick dwellings, Harvard ave., cost $6,000; H. Lee, 2½-storey brick dwelling, Grace street, cost $3,200; Mason & Risch, four-storey brick factory, 642 King street west, cost $40,000; E. Smeall, two-storey brick and stone residence, Beatrice street, cost $2,500; T. W. Wood, pair two-storey roughcast dwellings, Givens street, near College, cost $3,000; Phippen Bros., two pair two-storey roughcast dwellings, brick veneer fronts, Howie ave., cost $4,800; T. R. Whiteside, pair two-storey roughcast dwellings, Brooklyn ave., cost $3,000; W. B. Charlton, pair 2½-storey stone and brick dwellings, Gladstone ave., near College street, cost $5,000; Thomas McIlwain, two-storey and attic stone and brick dwelling, Jameson ave., near King st., cost $6,000.—The rumor has been current during the past week that the T. Eaton Co. have purchased the properties of the William Davies Co. and the Adams Furniture Co. on Queen street, with the intention of extending their departmental store. The Adams Co. have purchased the Russell House property on Yonge street and may build thereon. The Bachrack Company, whose property at corner of Yonge and Albert streets has been acquired by the Eaton Co., will, it is said, build on the site of the Tremont House on Yonge street.—C. B. Smith, chairman of the Temiskaming Railway Commission, states that surveyors are just finishing their work on 30 miles and that two parties are being sent out to survey 50 or 60 miles farther, where the line will connect with the Grand Trunk Pacific railway.—J. W. Siddall, architect, is taking tenders on erection of new buildings at Stratford for the Dominion Thread Mills.

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CONTRACTS AWARDED.

ACTON, ONT. — Rebuilding Clark House: J. B. McKenzie, contractor.

MILLBANK, N. B. — Presbyterian church: James Troy, of Newcastle, contractor.

ELORA, ONT.—$2,500 cement sidewalk debentures: George Noble, purchaser, $2,525.

FORT WILLIAM, ONT.—Four double houses on Dease street: A. C. Patch, contractor; brick, stone foundation.

BARRIE, ONT.—$4,800 school debentures: Dominion Securities Corporation, Toronto, purchaser, $4,910.80.

ST. BONIFACE, MAN.—Dalhaitre & Daoust have secured the contract for heating apparatus and plumbing of new town hall.

INGERSOLL, ONT.—Construction of

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MONTREAL, QUE.—Building on St. Catharine street for C. W. Lindsay: A. F. Dunlop, architect; Charles Thackeray, contractor.

FORT WILLIAM, ONT.—Electrical machinery for the Kamistiquia power development: Canadian General Electric Co., Toronto, contractors.

WASKADA, MAN. — Heating public school for Moira District; James Smart Manufacturing Co., Brockville, Ont., successful tenderers.

HULL, QUE.—Arches and bridges on Brewery creek in connection with waterworks improvements: T. C. Dumas, successful tenderer, $8,800.

GUELPH, ONT.—Implement hall and two farm cottages at Ontario Agricultural College: S. F. Whitham, Brantford, successful tenderer, $30,110.

WESTMOUNT, QUE. — Engine for electric light plant: Robb Engineering Co., Amherst, N.S., successful tenderers,

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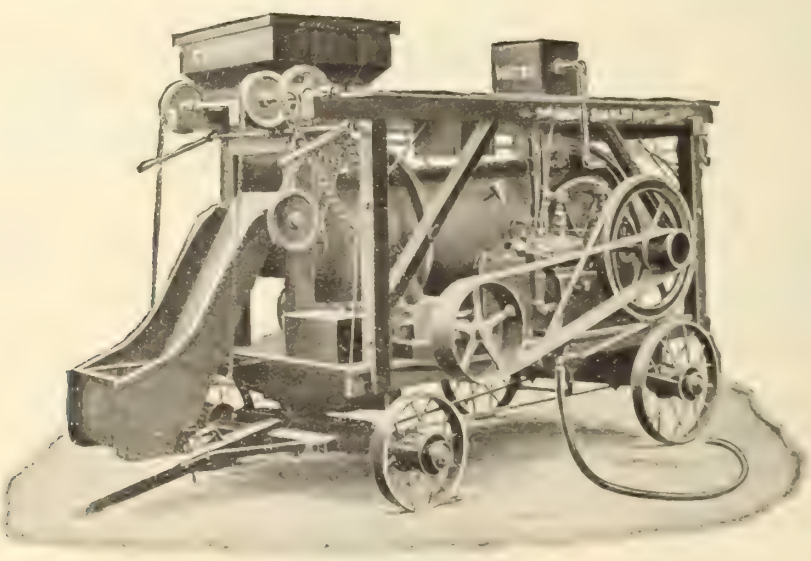

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$8,300. The Custodis Chimney Construction Co., of New York, will build a chimney for this plant, their tender being $6,-250.

PENETANGUISHENE, ONT. — Joseph Harvey, of Petrolia, has been awarded the contract to sink artesian wells for the purpose of water supply for the town.

GALT, ONT. — Stables on Dickson street for Ald. Patterson: John McLellan, successful tenderer, $3,500. Building will be 40 x 96 feet, 3 stories, frame, covered with galvanized steel.

TORONTO JUNCTION, ONT.—R. Patterson, Keele street south, has been awarded a $4,000 plumbing contract in connection with the Toronto Free Consumptive Hospital in York Township.

VANCOUVER, B. C. — Eight-storey office building and warehouse on Water street for Kelly, Douglas & Co.: J. M. McLuckie, contractor; pressed brick, 125 x 120 feet, three elevators, cost about $63,000.

LONDON, ONT.—H. C. McBride, architect, has let contracts for the Liberal Club building, corner of Park and Queen's ave., to Wm. Stevely & Son, Scott Murray, John Purdom, Wm. Roughly and W. Pace & Co.

SEAFORTH, ONT.—Edge & Gutteridge, of this place, have been awarded the contract for thirteen stations on the Guelph and Goderich branch of the C. P. R., cost about $35,000. These do not include the Goderich or Guelph stations.

NIAGARA FALLS, ONT.—For purchase of $16,984.99 5 per cent. town debentures bids were received as follows: Wood, Gundy & Co., Toronto, $18,233 (accepted); Dominion Securities Co., Toronto, $18,177; Wm. C. Brent, Toronto, $18,159; Ontario Securities Co., Toronto, $17,885; Bank of Hamilton, $17,818.38; Canadian Securities, Limited, $17,765; G. A. Stimson & Co., Toronto, $17,452.

WINNIPEG, MAN.—Foley Bros., Larson & Co., who have the contract for double tracking the C.P.R. between Winnipeg and Fort William, have let sub-contracts as follows: Two miles at Cross Lake to John E. Bostrom; two miles at Kilmar, including a tunnel of about 400 feet, to Larson Bros.; three miles between Ostersund and Busteed, to Fred Peterson & Co.—Woodward & Co., this city, have received a contract to erect an elevator in Fort Saskatchewan.

FIRES.

C.P.R. car works at Kingston, Ont., totally destroyed; loss $40,000.—Building at Kamloops, B.C., owned by Mrs. Bellau, of Victoria, and occupied by the Kamloops Standard, partially destroyed, loss covered by insurance.—Building at Halifax, N.S., owned by Frank Reardon, loss $6,000.—Sash and door factory of A. A. Tuttle at Moncton, N.B., damaged to extent of $2,500.—Building at Stayner, Ont., owned by J. W. Devitt.—Sash and door factory of Gignac & Beland, Lalemant street, Quebec, damaged to extent of $4,000.--Premises of the Alexander Brown Milling Co., foot of Princess street, Toronto, totally destroyed; loss on building, $60,000.

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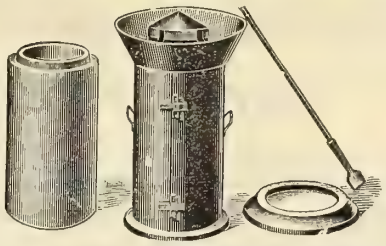

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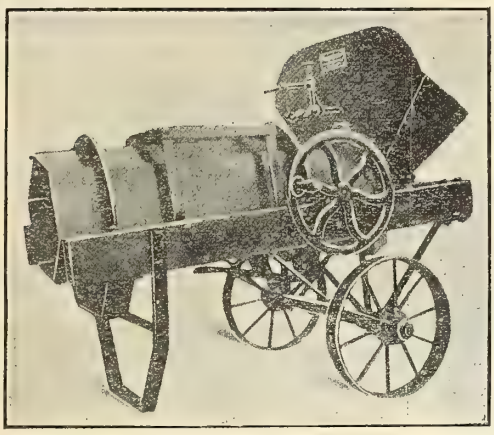

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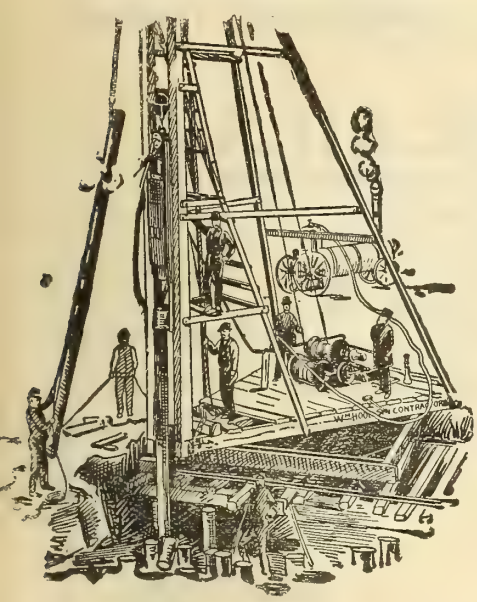

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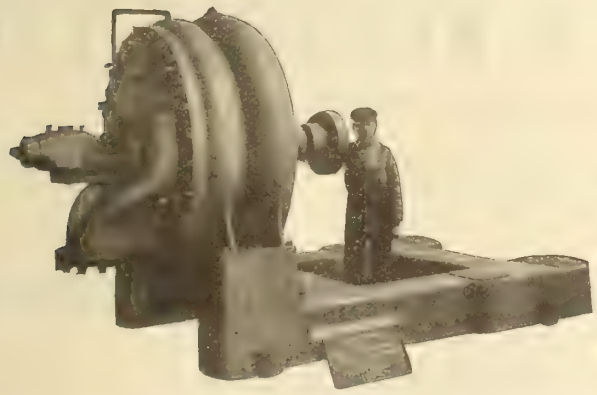

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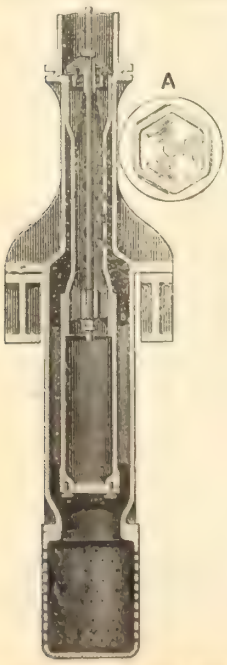

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BUSINESS NOTES.

Bell & Orchard, painters, Calgary, N.W.T., have dissolved.

Daoust & Cie, contracting masons, St. Henri, Montreal, have dissolved.

Walker & Dunseath, carpenters and joiners, Winnipeg, Man., are reported to have assigned.

H. A. Depocas has been appointed curator of the estate of J. E. Gratton, plumber and roofer, Montreal.

The Cement, Stone & Building Company, of Queen street west, Toronto, is announced to have assigned to Osler Wade. A meeting of creditors will be held this week, at which a statement of assets and liabilities will be presented.

The shareholders of the Guelph Foundry Company have decided that for the purpose of reorganization the company should go into voluntary liquidation, and Mr. W. M. Doherty has been appointed liquidator. It will be remembered that by a recent decision of the Supreme Court the company was ordered to destroy all stoves manufactured from the pattern of the Buck Stove Company, of Brantford. The factory and moulding shop are running in full force, and the proceedings will in no way affect the operations of the company.

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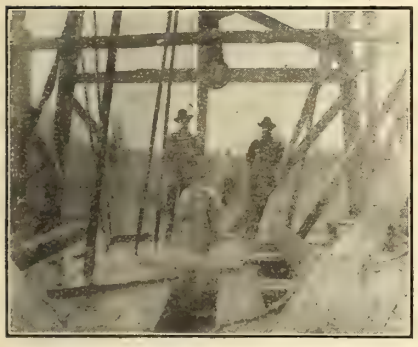

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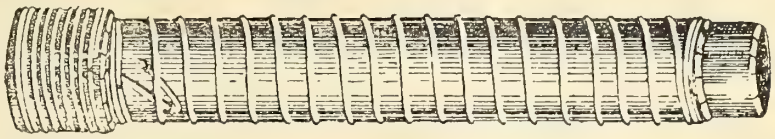

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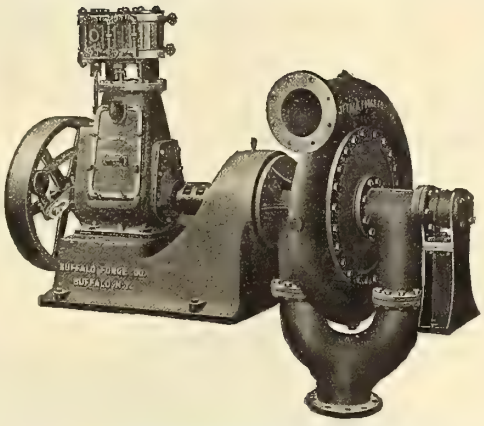

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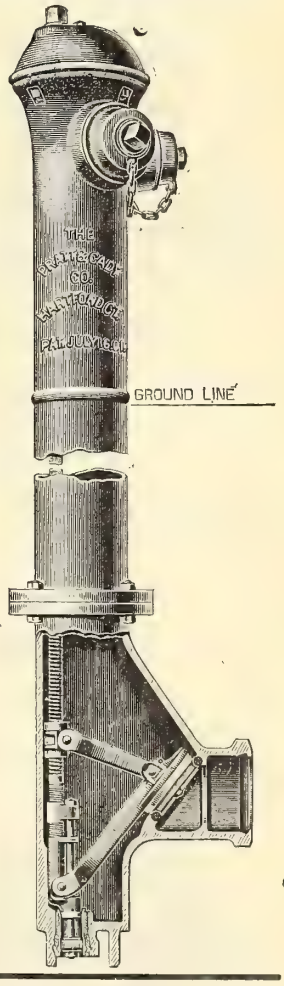

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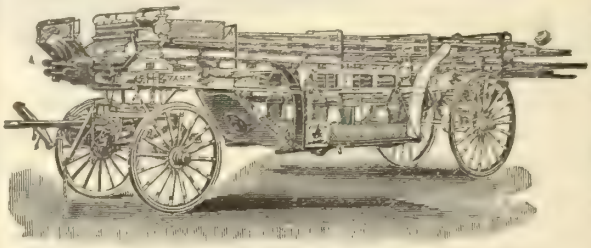

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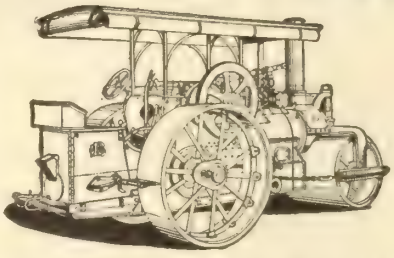

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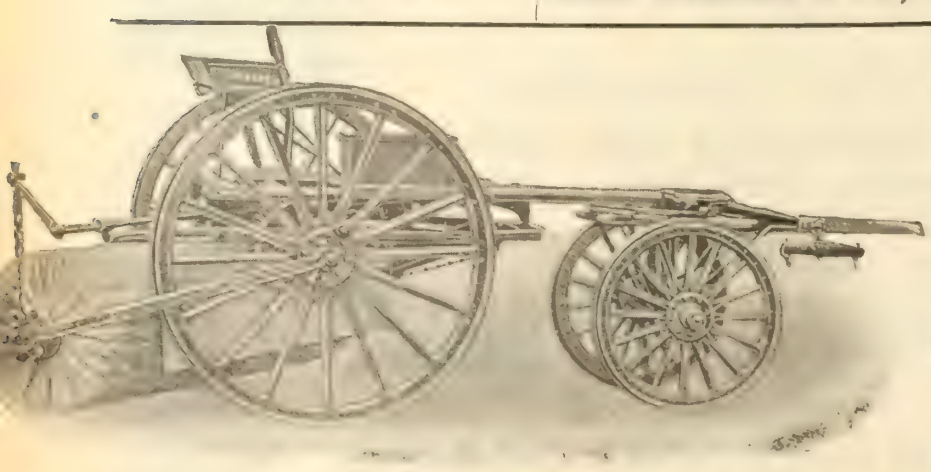

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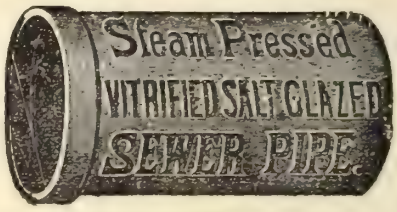

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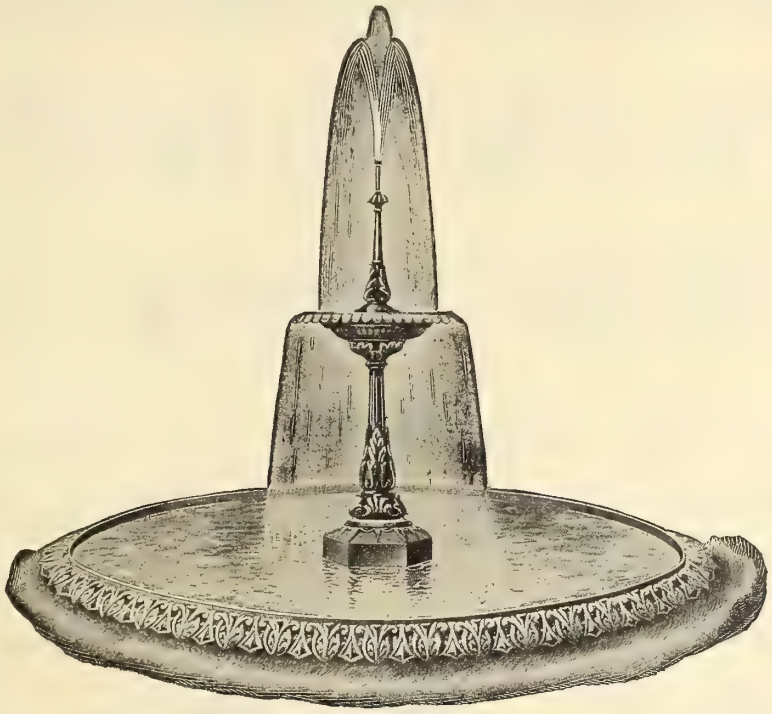

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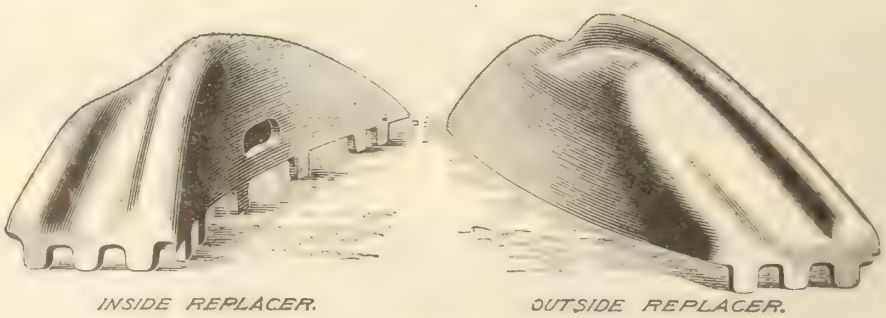

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CANADIAN

Contract Record

A Weekly Journal of Public Works, Tenders, Advance Information and Municipal Progress

This Paper Reaches Every Week the Town and City Clerks, Town and City Engineers, County Clerks and County Engineers, Purchasers of Municipal Debentures and Leading Contractors In All Lines Throughout Canada

VOL. 16. TORONTO, MONTREAL — SEPTEMBER 27, 1905 — WINNIPEG, VANCOUVER No. 30

THE CANADIAN CONTRACT RECORD
PUBLISHED EVERY WEDNESDAY
As an Intermediate Edition of the Canadian Architect and Builder.

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DEBENTURES FOR SALE

Tenders will be received up to NOON OF OCTOBER 18TH, 1905, for the purchase of $20,000 Debentures of the Qu'Appelle School District No. 2, repayable in thirty equal annual instalments at five per cent. interest.

J. C. STARR,
Secretary-Treasurer,
School District No. 2 Qu'Appelle, Sask.

Town of Medicine Hat

Debentures For Sale

Tenders, marked "Tenders for Debentures," will be received up to the 15TH OF OCTOBER, 1905, for the purchase of a $15,000 block of "Public Park and Garden" Debentures of the Town of Medicine Hat. These Debentures bear interest at 5 per cent., are dated September 30th, 1905, and are re-payable in 20 equal annual instalments of principal and interest.

The highest or any tender not necessarily accepted.

For further information address the undersigned.

W. N. ADSIT, Secy-Treas.,
Town of Medicine Hat, N.W.T.

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H. D. SYMMES,
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CONTRACTS OPEN.

SUSSEX, N.B.—A site has been selected for a new school building to cost $25,000.

PONOKA, N.W.T.—The question of the purchase of fire engines is still under consideration.

SACKVILLE, N.B.—Copp, Dixon & Co. have decided to rebuild their woodworking factory.

BRADFORD, ONT. — The Trades and Labor Council are taking steps to erect a labor temple.

ORILLIA, ONT.—Thomas Leatherdale intends building a brick residence on Mississaga street west.

ARCOLA, N.W.T. — A by-law to raise $5,000 more for a town hall was carried here on the 18th inst.

ST. PAUL, QUE.—Bids are being taken this week for sewer construction. J. E. Vanier, Montreal, engineer.

ST. THOMAS, ONT. — W. Rembottom has purchased a lot on Maple street on which to build a residence.

SOUTHAMPTON, ONT. — F. V. Johns, Town Clerk, is taking tenders this week for construction of a filter basin.

SEAFORTH, ONT. — George A. Sills has just taken tenders for erection of a frame skating rink with cement foundation.

EAST TORONTO, ONT. — Love Bros. have just commenced the erection of six houses on Kintyre ave., estimated cost $10,000.

FORT WILLIAM, ONT—A $10,000 skating rink will be built here, Donald McKellar having agreed to invest $5,000 in the project.

PORT ARTHUR, ONT.—Hon. Mr. Hyman, Minister of Public Works, has consented to an expenditure of $4,000 to provide a temporary breakwater to protect the coal and ore and blast furnace docks from damage by wind and waves.

CHATHAM, N.B. — It is probable that the front of the Roman Catholic cathedral will have to be rebuilt, as the foundation is sinking.

EDMONTON, N.W.T.—H. Brown will build a brick residence on Eighth street.

RUSSELL, MAN.—Steps may be taken in the near future to install a lighting plant.

GRAND FORKS, B.C.—The smelter to be built by the Dominion Copper Co. will cost in the neighborhood of $750,000.

REGINA, N.W.T.—W. W. Hilton, architect, is taking tenders for construction of office building for the Canada Permanent Mortgage Corporation.

ARNPRIOR, ONT. — It is understood that McLachlin Bros. will likely build a concrete dam on the Madawaska river in the near future, to cost about $75,000.

LADYSMITH, B.C.—C. H. Tracy, C.E., of Vancouver, has been engaged by the Council of this place to report on the cost of installing an electric light plant.

MOOSOMIN, N.W.T.—John Smithers, Town Clerk, will receive tenders up to 30th inst. for steam heating plant for town hall. Plans by Frank R. Evans, architect, Winnipeg.

ST. HENRI, QUE.—Tenders are being taken this week for construction of sewers on Poplar and Walnut streets. J. Emile Vanier, 5 Beaver Hall Square, Montreal, is the engineer.

HULL, QUE.—The City Engineer will prepare new plans for the archways to be constructed in connection with the Brewery creek improvements so as to bring the cost down to $7,800.

NIAGARA FALLS, ONT.—The time for receiving tenders for construction of hospital building was extended to the 27th inst.—John Gage, of Alvinston, Ont., intends building a residence here.

CHILLIWACK, B.C.—A by-law was carried on September 18th granting a franchise to the Canadian Pipe Co., of Vancouver, to construct a waterworks system from Elk Falls to this place.

BERLIN, ONT.—The ratepayers have endorsed a proposition from the London Machine Tool Co., of London, Ont., to build a factory here. They are to be given a loan of $40,000 for 20 years.

PARRSBORO, N. S.—The Standard Coal & Railway Co. will build a railway from Macaan to Truro, a distance of 80 miles, and the Board of Trade will take steps to secure its extension to Amherst.

MOOSE JAW, N.W.T.—Tenders for erection of a two-roomed school building will be received by H. Jagger, Secretary-Treasurer, up to October 1st. Plans at office of Hitchcock & McCulloch, bankers.

FERNIE, B.C.—The Elk Lumber Co. will build a temporary saw mill here

and [illegible] will erect a large mill. Messrs. [illegible] & Willingham have purchased a lot on Baker ave. on which to build a warehouse 50 × 30 feet.

NORTH SYDNEY, N.S.—The Nova Scotia Steel & Coal Co. are said to be considering the establishment of a shovel factory.

BRANDON, MAN.—The construction of the Brandon, Saskatchewan and Hudson's Bay railway, which is to extend from the International boundary to Brandon and the north, will be commenced immediately.

DUNDAS, ONT.—The John Bertram & Sons Co. have taken tenders for the erection of a new foundry building.—The City Council have decided to install a filtering plant and make improvements to the reservoir.

HALIFAX, N. S. — D. Pottinger, manager Intercolonial Railway, Moncton, N.B., will receive tenders up to October 4th for construction of a bulkhead sea-wall here. Plans at the office of the Terminal Agent.

MIDLAND, ONT.—Tenders will be received by T. I. Trueman, Secretary Public School Board, for installation of a plumbing system, etc., in the West Ward school.—Tenders are asked up to Thursday, October 26th, for erection of an addition to the fire hall.

KENORA, ONT.—The Council have adopted by-laws authorizing the issue of $30,000 of debentures for the purpose of extending the waterworks system, also to cover the cost of construction of sewers on East Third, East Fort, Second, Argyle and Julius streets.

KINGSTON, ONT.-It is reported that the Grand Trunk Railway Co. will build a large hotel on the Rideau lake in the vicinity of Portland.—The city has been granted permission to issue $20,000 of debentures for improvements to the lighting plant.

COLLINGWOOD, ONT.—Only one tender was received for the construction of a system of sewers, on the basis of which the cost would be about $77,000. As this is above the engineer's estimate, no contract has been awarded. There were five tenders for the supply of pipe. These will be considered later.

DAWSON, YUKON TERRITORY.—It is understood that the surveyors who are gathering information for a Government waterworks system will submit their report during the winter, thus allowing time for preparation of plans for actual construction next year.

OWEN SOUND, ONT.—W. P. Telford, M.P., has been advised that plans for the new rifle ranges at the Barfoot farm are in course of preparation by the Militia Department, Ottawa. — The Manning Wood Fibre Co., of Toronto, may establish a factory in Brooke.

RICHIBUCTO, N.B.—The Dominion Government are asking for tenders by Saturday, October 14th, for the construction of an extension to the breakwater here. Plans at offices of G. Stead, resident engineer, Chatham, N.B., C. E. W. Dodwell, Halifax, N.S., E. T. P. Shewen, St. John, N.B., and on application to the Postmaster here; deposit, $2,500.

ST. JOHN, N.B. — Stove foundries will be built by McLean, Holt & Co. and John E. Wilson.—E. R. Chapman will receive bids up to 27th inst. for 14 debentures issued by the trustees of School District No. 2, parish of Lancaster, of $250 each, 4 per cent., 20 years, interest payable semi-annually.

PORT DALHOUSIE, ONT.—At a meeting of the ratepayers last week, it was agreed that a by-law be drafted empowering the construction of a waterworks system. The plan is to construct a reservoir at Lock 4. There would be required 17,000 feet of pipe and the cost would be about $30,000.

LONDON, ONT.—The Presbyterian Council have decided to build a Sunday school on Chelsea Green.—A.O.Graydon, City Engineer, will receive tenders up to 29th inst. for construction of sewer on St. George street.

NEW LISKEARD, ONT.—R. A. Brown and J. G. Milne, of Toronto, may build a grist mill and install an electric light plant here. S. Pindell, of Sault Ste. Marie, Mich., and E. T. Ord, of this place, are also seeking electric light and power franchises.

INDIAN HEAD, P.E.I.—Tenders are requested by the Department of Public Works, Ottawa, by Saturday, October 14th, for construction of a breakwater here, cheque deposit $15,000. Plans at office of J. B. Hegan, resident engineer, Charlottetown, on application to the Postmaster at Sunnyside, and at the above Department.

SARNIA, ONT. — William F. Lawrence & Sons are about to build a new planing mill, brick, 80 × 175 feet.—Petitions have been presented to Council for an asphalt pavement on Victoria street, from Cromwell to Davis, on Davis street, from Victoria to Front, and on Christina street, from Cromwell to Johnston.

BRANTFORD, ONT.—The congregation of the B.M.E. church intend making improvements, including new seats.—Ald. Corey is about to build a fine residence at corner of Colborne and Murray streets.—Willis Chipman, C. E., Toronto, will this week submit his report on a surface drainage system for this city, which is expected to cost upwards of $50,000.

TORONTO JUNCTION, ONT.—Wm. Levack has just commenced the erection of an abattoir at corner of St. Clair ave. and Keele st., brick, 250 × 150 feet.—Recent building permits: R. J. Nichols, three brick and stone dwellings, Lakeview ave., cost $2,300 each; O. Bonham, two-storey brick and stone store and dwelling, Keele street north, cost $2,000; T. J. Smyth, two-storey brick dwelling, Willoughby ave., cost $2,000.

VICTORIA, B.C.—W. J. Pendray has purchased the property known as Sehl's Point and intends erecting a new building for soap and paint works.—W. S. Gore, Deputy Commissioner of Lands and Works, will receive tenders up to 30th inst. for erection of wooden bridge across Cowichan river near Duncans, also for the construction of a similar bridge across the Chilliwack river at Cultus lake crossing and for the installation of a steam heating plant at the provincial jail, New Westminster.

VANCOUVER, B.C.—It is announced that the British Columbia Electric Railway Co. will further increase the capacity of their plant at Lake Beautiful and construct another pipe line from the dam to the power house.—J. L. Pattullo, late of Tacoma, Wash., has bought an interest in the Pacific Box Co. in this city and intends extending the plant. He will also install a small saw milling plant.—Manning & Bruce, of Okanagan Landing, are preparing to build a saw mill.—J. J. Mulhall & Co. have just sold the lot adjoining the building on south-east corner of Hastings street and Columbia ave., the purchasers intending to erect a building.

FREDERICTON, N. B.—C. H. LaBillois, Commissioner of Public Works, desires tenders by October 9th for rebuilding Forest Glen bridge over Pollet river in Westmoreland county, and by Monday, October 30th, for constructing two superstructure spans, each of 236 ft. 10 ins. from centre to centre of end pins, for the Fredericton bridge.—F. A Barbour, C.E., has submitted his report on waterworks and sewerage systems. He estimates that a complete sewerage system, including 58,000 feet of pipe, can be installed for $88,000. The mechanical filtration plan is recommended for a water supply, the estimated cost being $200,000.

PETERBORO, ONT. — F. Brownscombe, City Treasurer, is offering for sale the following debentures: $15,000 4 per cent. 30-year, for waterworks; $12,000 4 per cent. 20-year, for bridge; $13,924.01 4 per cent., 20-year, for sidewalks; $3,385.07 4 per cent., 30-year, for sewers.—A member of the City Council is working out a plan to erect an overhead steel bridge across the Otonabee river at Hunter street.—It has been suggested that the City construct a filtering bed at the intake pipe and install a filtering plant, at a probable cost of $25,000.—The Canadian General Electric Co. have secured options on the land lying to the south of their present works, which will be used for extending the buildings. It is understood that upwards of $300,000 will be expended.—The Wardens of St. Paul's church intend erecting a parsonage.

MONTREAL, QUE.—Cox & Amos, architects, have been instructed to prepare plans for a building for the St. Catharine street branch of the Quebec Bank, to be located at the south-west corner of St. Catherine and Amherst streets. The City Council will consider the establishment of a sanitarium for consumptives. — L. O. David, City Clerk, is this week taking tenders for erection of a cafe and terrace at the lookout on Mount Royal park. Plans at office of A. Beaugrand Champagne, architect, 107 St. James street.—Mark Workman is about to erect a five-storey block on St. Antoine street, near Windsor, cost $40,000, from plans by McDuff & Lemieux.

OTTAWA, ONT. — F. Gelinas, Secretary Department of Public Works, will receive tenders up to October 4th for construction of conservatories at Rideau Hall. Plans at the above Department.—Arrangements are now being made for the erection next summer of the new seminary of the Catholic Diocese of Ottawa, estimated cost $40,000.—The Exhibition Committee have decided to ask the Provincial Department of Agriculture to furnish plans for a fat stock and show building to be built this winter and to cost about $40,000.—It is believed that the Dominion Government will select the site on Mackenzie ave. and Sussex street, from St. Johns church to St. Patrick street, for the proposed new departmental building.—The C.P.R. have purchased all the property south of Laurier ave. between the C.A.R. tracks and Nicholas street, the intention being to erect a large freight shed.—The County Council have decided to build a concrete bridge across the Rideau river.

WINNIPEG, MAN.—James Chisholm, architect, has taken tenders on a residence on Beverley street for F. H. Schofield, cost $2000.—Wm. Gray & Sons, carriage manufacurers, Chatham, Ont., will build a branch factory in this city.—It is said that an English syndicate, of which B. Archer is representative, will erect a large mercanlile warehouse on Lombard street, the plans for which are being prepared by Darling & Pearson, architects, Toronto and Winnipeg. It is probable that the lower storey will be used for warehouse purposes and the upper storey for offices.—It is reported that the Canada Life Insurance Co. intend erecting a 16-storey building on the corner of Main street and Portage ave., at an approximate cost of $750,000.—The Canadian Northern Railway Co. will build a bridge over the Assiniboine river in St. James, just outside the western city limits.—It is the intention of

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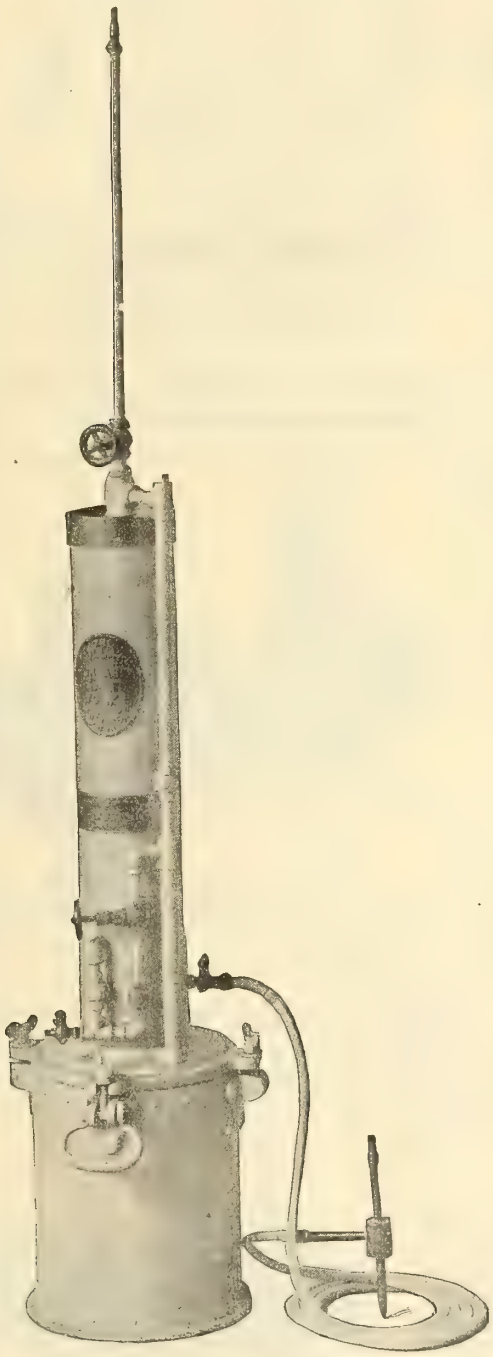

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Mackenzie & Mann to build a suburban station on Portage ave. west.—It is understood that new plans have been prepared for the proposed dam and lock on the Red river at St. Andrews rapids and that new tenders will be invited. —J. A. M. Aikins has decided to add two stories to his block at corner of McDermott ave. and Albert street.

HAMILTON, ONT.—It is expected that the Federal Life Assurance Co. will shortly let the contract for erection of a 9-storey office building at corner of Main and James street.—Stewart & Witton, architects, are preparing plans for a $12,000 factory to be built south of the wood market for the Skedden Brush Co.—The City Clerk is taking tenders up to 29th inst. for constructing sewers on the following streets: King street, from Sanford ave. to 650 feet easterly; Mulberry street, from Railway street to Caroline street; Railway street, from Cannon street to Mulberry street.—It is learned that plans for the Bay front improvements have been completed and will immediately be forwarded to Ottawa for approval.—Fowler's Canadian Co., Limited, have decided to double their plant in this city, at an approximate cost of $50,000.—The Hamilton Cataract Power, Light & Traction Co. will build an expensive bridge over the ravine between Bronte and Oakville. They will also double track the radial line from Burlington to Hamilton next spring.—The following permits have recently been granted: D. Brown, two brick residences, Caroline street, between Markland street and Aberdeen ave., cost $4,000; Noble & Co., five frame residences, corner Sanford ave. and Harvey street, cost $4,500; John Slater, brick residence, St. Matthews ave., cost $1,700; Thornton & Douglas, factory, corner of Mary and Cannon streets, cost $13,000, Stewart & Witton, architects; Thomas L. Kinrade, brick residence, corner Main and Pearl streets, cost $9,000, E. B. Patterson, architect.

TORONTO, ONT.—The Designing & Drafting Co., 23 Jordan street, want bulk tenders for a pair of brick houses.—No tenders were received by the Board of Control for the erection of a suspension stock scale at the Cattle Market.—The question of installing an electric plant to provide better lighting facilities for the Island was discussed by the Island committee last week. The Legislature gave the city power to expend $40,000 for this purpose, but the city engineer has reported that this amount is not sufficient.—The Board of Control will receive tenders up to Friday, 29th inst., for construction of a brick track allowance on Dovercourt road, from Bloor to Vanhorne streets, also up to Tuesday, October 3rd, for the following works: Asphalt pavement, Prospect street, Ontario to Rose ave.; Beatrice st., from College street to 608 ft. south; Euclid ave., Bloor to Follis. Bitulithic pavement, Defoe street, Macdonnell to Niagara; Scarth road, Crescent to Roxborough. Tar macadam on Tiverton ave., South ave. to West ave. Concrete pavement on Court street square. Sewers, Balmoral ave., from Avenue road to 593 ft. west; Pearl street, from Simcoe to John, also a number of concrete walks.—Plans of addition to be built to Drill Hall may be seen at the office of S. G. Curry, architect, 90 Yonge street. Tenders close Saturday, October 14th.—Tenders are wanted at 103 Northcote ave. for the erection of a five roomed brick house.—P. S. Gibson & Sons, engineers for York Township, will receive tenders up to Saturday, October 7th, for building a wooden bridge, 75 feet long, on St. Clair

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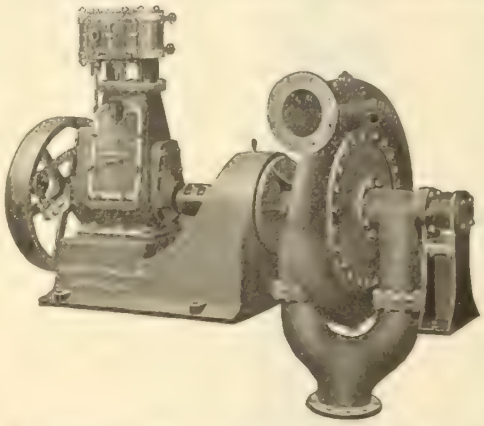

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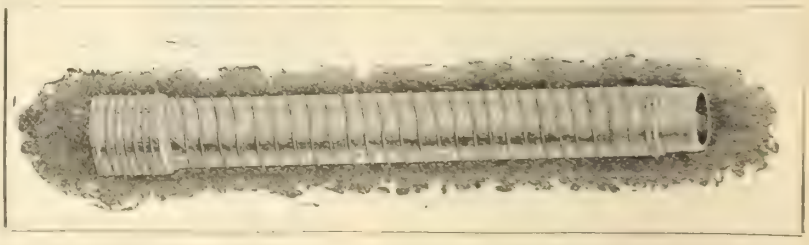

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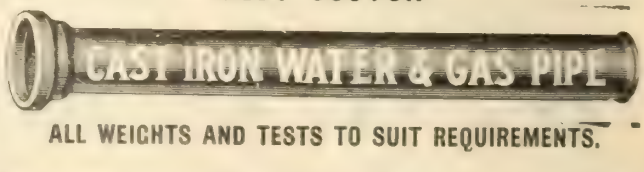

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ave., near Bathurst street. — Building permits have been granted as follows : George H. Hees, Son & Co., five-storey factory, corner Bay and Piper streets, cost $40,000 ; R. Laidlaw & Co., two-storey factory and planing mill, Dundas street, near Bloor, cost $80,000 ; International Gas Appliance Co., one storey factory, 90-94 Lippincott street, cost $6,500 ; W. F. Matthews, brick and stone residence, Elm ave., Rosedale, cost $22,000 ; St. Paul's Catholic church, brick and stone tower, corner Queen and Power streets, cost $7,200.

CONTRACTS AWARDED.

PHOENIX, B.C.—Erection of city hall: H. A. Wright, contractor.

HULL, QUE.—$45,000 waterworks debentures have been sold to La Banque Nationale, at par.

WELLAND, ONT.—Factory buildings for Plymouth Cordage Co.: A. T. Wing, of Palmer, Mass., contractor.

ARCOLA, N. W. T. — Carpenter and brick work of town hall: J.H. Morrison, this place, successful tenderer, $10,850.

BELLEVILLE, ONT. — Steel bridge near Gullett's Mills in Rawdon: Dickson Bros, Campbellford, successful tenderers.

MEAFORD, ONT. — Supply of steel water tank and tower: John Inglis Co., Toronto, successful tenderers, $4,000.

MONTREAL, QUE.—Post office building on St. Catharine street west: Joseph Bourque, of Hull, successful tenderer, $57,400.

DALHOUSIE, N.B.—Warren Taylor, of Salisbury, has been awarded a sub-

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contract for the building of the ballast wharf here.

ARNPRIOR, ONT.—Heating St. Andrew's Presbyterian church : James Smart Manufacturing Co., Brockville, successful tenderers.

BROCKVILLE, ONT.—William Gray has been awarded the contract for erection of a cottage at Fernbank for H. B. McGivern, of Ottawa.

GUELPH, ONT. — The City Council have accepted the tender of the Roberts Manufacturing Co. for a mechanical filter, contract price $12,500.

WINNIPEG, MAN.—Brick addition to Jobin-Marrin warehouse on Market street: James Chisholm, architect; Waterworth & Fee, contractors, cost $5,000.

EXETER, ONT. — Bawden & Sweet have been awarded the contract for cement sidewalk on Main street, at ten cents per square foot.

HAMILTON, ONT. — Wentworth County Council have decided to purchase a ten ton steam road roller from the Waterous Co., Brantford, at $2,750.

LONDON, ONT. — Boiler house in connection with Victoria Hospital: Building, J. G. Dodd & Co., $698; boiler and necessary brickwork, London Engine Supply Co., $1,170.

GODERICH, ONT.—The contract for

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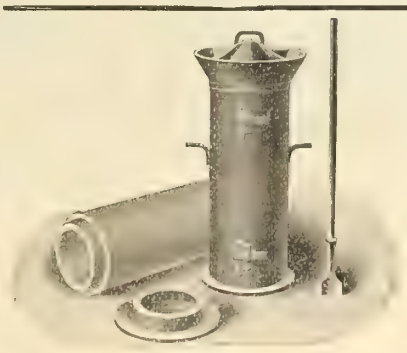

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supply of electric light meters has been divided between the Canadian General Electric Co., Packard Electric Co., R. E. T. Pringle Co., and John [illegible].

[illegible], ONT.—Convent building east of the Roman Catholic church: Architect, Robert Fawcett; general contractor, R. Corrick & Sons; carpenter work, W. D. Giffin; plumbing, Daniel Kerr; painting, James Yard.

VANCOUVER, B.C.—Residence for R. H. Alexander, corner Gifford and Nelson streets: Parr & Fee, architects; C. P. Shingler, contractor. Building will be two stories and will cost about $15,000. —C. P. R. freight shed. W. Hipham, contractor, cost about $15 000

PETERBORO, ONT.—Addition to factory of the Peterboro Lock Manufacturing Co.: James Montgomery, contractor. - Steel superstructure of county bridge over Indian river: Hamilton Bridge Co., successful tenderers, $1,920. The Dominion Bridge Co., Montreal, tendered at $2,140.

EDMONTON, N. W. T.—Wholesale grocery warehouse for A. McDonald Co.:

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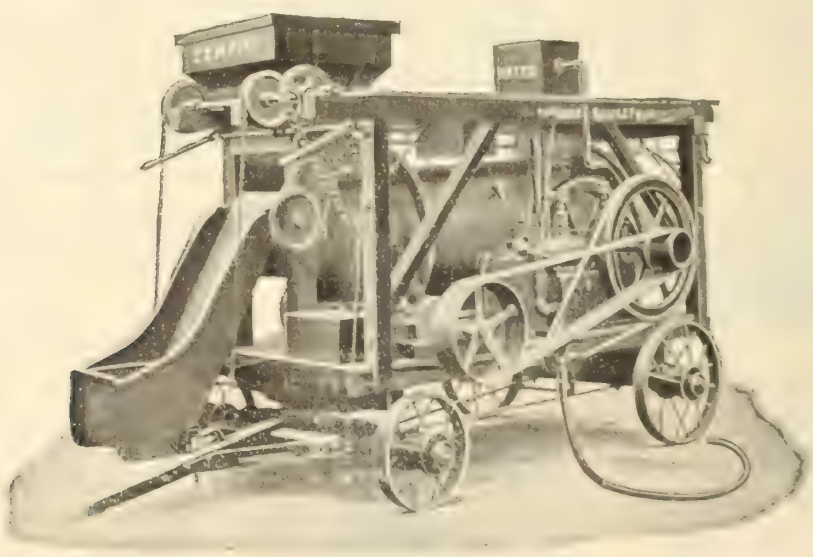

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BRANTFORD, CANADA

R. J. Manson, contractor, cost about $18,000. — Canadian Northern Railway officials have let the contract for the building of a pier and abutments of steel bridge at Fort Saskatchewan to Charles May, of this city, and Charles Sharpe, of Winnipeg.

MIDLAND, ONT.—The following tenders were received by the Town for purchase of $32,000 debentures: Dominion Security Co., Toronto, $33,401, (accepted); Aemilius Jarvis & Co., $32,506; Ontario Security Co., $33,025; O'Hara & Co., $32,935; G. A. Stimson & Co., $32,-411; Canadian Security Co., $32,415; W. C. Brent, $33,175.

TORONTO, ONT. — The Board of Control last week awarded the following contracts: Macadam roadway on Dufferin street, north of Bloor street, Godson Co., $10,887; macadam roadway on Elizabeth street, City Engineer, $8,040; bitulithic pavement on Ossington avenue, Dundas to College, City Engineer, $13,656. Sewers: To E. Axworthy, Poplar Plains avenue, $946; Morse street, $1,080; Olive avenue, $1,285; Clarendon street, $981. To J. F. Connolly, Hepburn street, $1,323. —York County Council have awarded the contract for a new bridge at Udora to J. R. East, of Orangeville.

FIRES.

Factory of the Canada Cigar Box Co., 127 Dalhousie street, Montreal, damaged to extent of $10,000.—Dry goods store of T. Long & Bro., Collingwood, Ont., partially destroyed, loss $50,000.—Flax mill at Palmerston, Ont., owned by R. Prinder, loss $3,000.—Saw and shingle mills at Cedar Cove, B.C., owned by T. E. Atkins and T. V. Timm, totally destroyed. —Planing mill of the Rat Portage Lumber Co., Norman, Ont., totally destroyed, loss $30,000.

BIDS.

VICTORIA, B.C.—The following tenders were received for supply of water pipe: W. A. Ward—12-inch, $37.98 per ton, 4-inch, $41.28. Findley, Durham & Brodie, to be delivered by steamer—12-inch, $37.80; 4-inch, $40.35; to be delivered by sailing vessel, 12-inch, $36.40; 4-inch, $39.18. W. S. Fraser—12-inch, $39.80, 4-inch, $42.56½. R. Ward & Co.—12 and 4-inch, $35-45. R. P. Rithet & Co.—12-inch, $36.85; 4-inch, $39.45. Marine Iron Works, by sailing vessel, 12-inch, $36.90; 4-inch, $39.80; by steamer, 12-inch, $40.-20; 4-inch, $40.85. Canadian Pipe Co., Vancouver—Wooden pipe, 4-inch, 17 cents; 12-inch, 59½ cents, per lineal foot. A. A. Sheret, 12 and 4-inch, $40.55. W. O'Neil, Vancouver, by steamer, 12-inch, $38.40: 4-inch, $41.20; by sailing vessel, 12-inch, $37.20; 4-inch, $49.45. Evans, Coleman & Evans, Vancouver—4-inch, $37.84; 12-inch, $35.34. Pacific Coast Pipe Co.—Wooden pipe, 150 lbs. pressure, 4-inch, 15 cents per foot; 12-inch, 50 cents per foot; 200 lbs. pressure, 4-inch, 16 cents per foot; 12-inch, 53½ cents per foot; 250 lbs. pressure, 4-inch, 17 cents; 12-inch, 59½ cents. R. P. Rithet & Co., supplementary—4-inch, $36.70; 12-inch, $34,-06.

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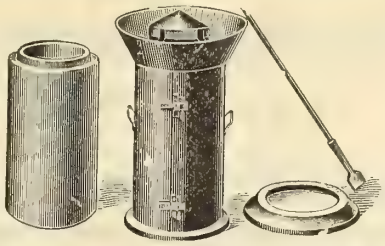
The Board of Works of the city of Winnipeg have decided to change their policy with reference to checks of contractors, presented with bids. The checks have been cashed heretofore and the contractors have been out the interest on the money and frequently have had to bear the exchange. It is now decided to re-endorse the checks back to the contractor on rejected bids.



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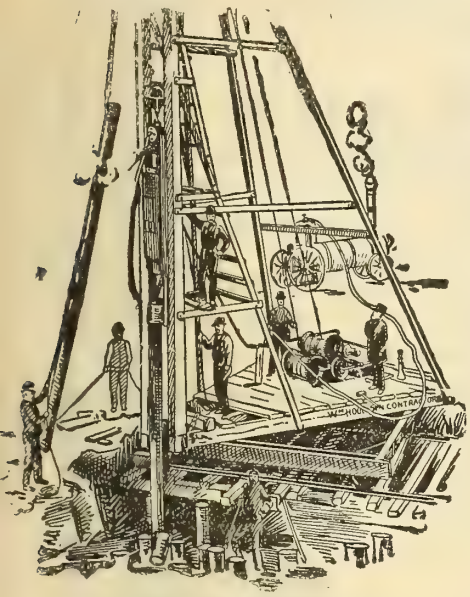

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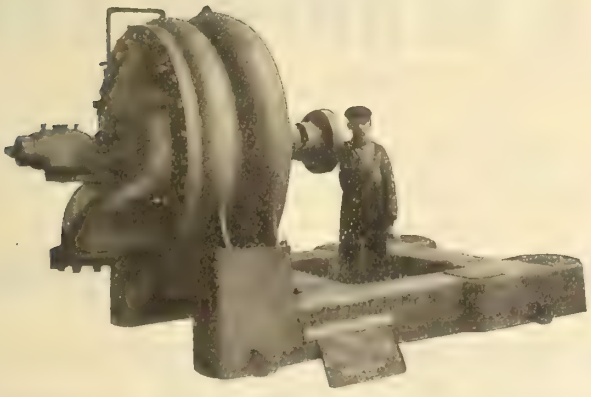

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BUSINESS NOTES.

[illegible] & [illegible], contractors, Cookshire, Que., have registered their business.

Thomas R. Wood, vice-president of the Ontario Lead & Wire Co., Toronto, died last week.

W. F. Lawrence, planing mill, etc., Maple Creek, N. W. T., is announced to have assigned to A. Barnett.

McDonald & Henry, of Mitchell, Ont., have purchased the plumbing and tinsmith business of F. Smith, Stratford.

Couture Bros., brick makers, St. Boniface, Man., have sold their brick plants to the Aclip Brick, Tile & Lumber Co.

Osler Wade, liquidator for the Cement, Stone & Building Co., of Toronto, will receive tenders up to October 2nd for the purchase of the assets of the company.

J. T. Schell, of Alexandria, Ont., and A. I. Kennedy and Archibald Lothian, of Maxville, Ont., have formed a partnership under the firm name of Schell, Kennedy & Lothian, to carry on business as railway contractors in the Province of Quebec. Their chief place of business is at Cap Rouge.

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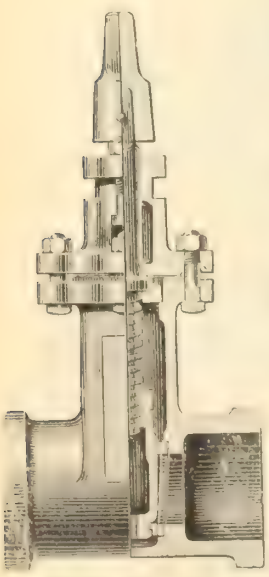
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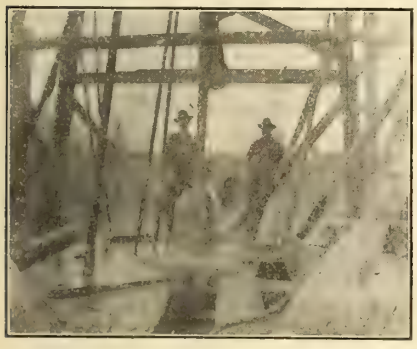

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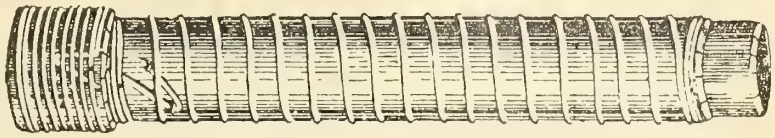

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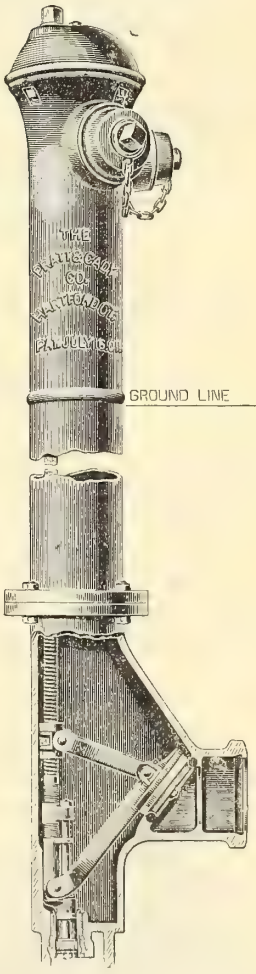

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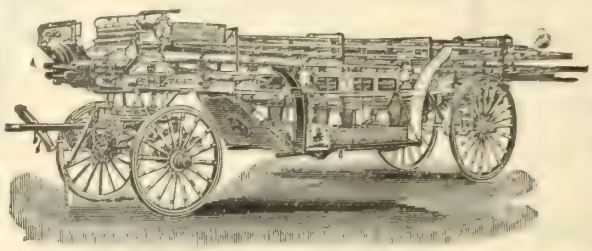

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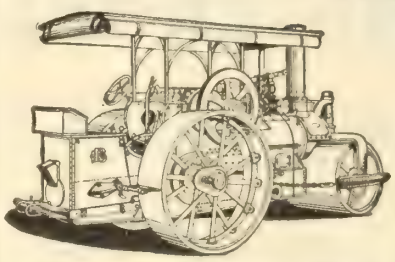

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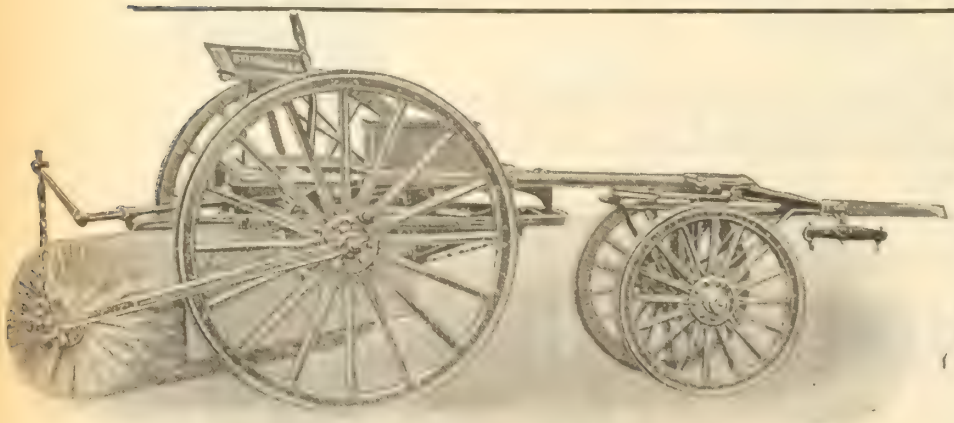

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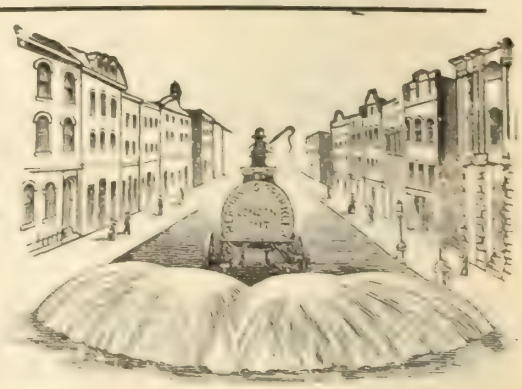

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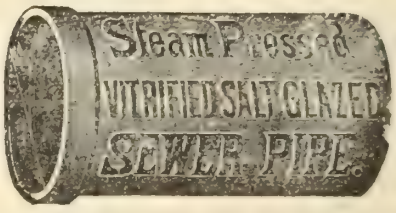

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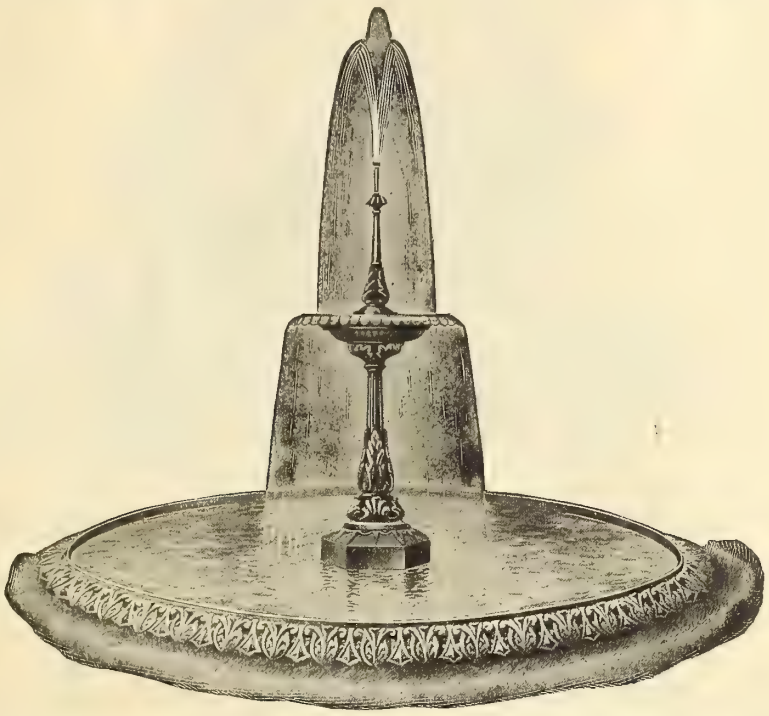

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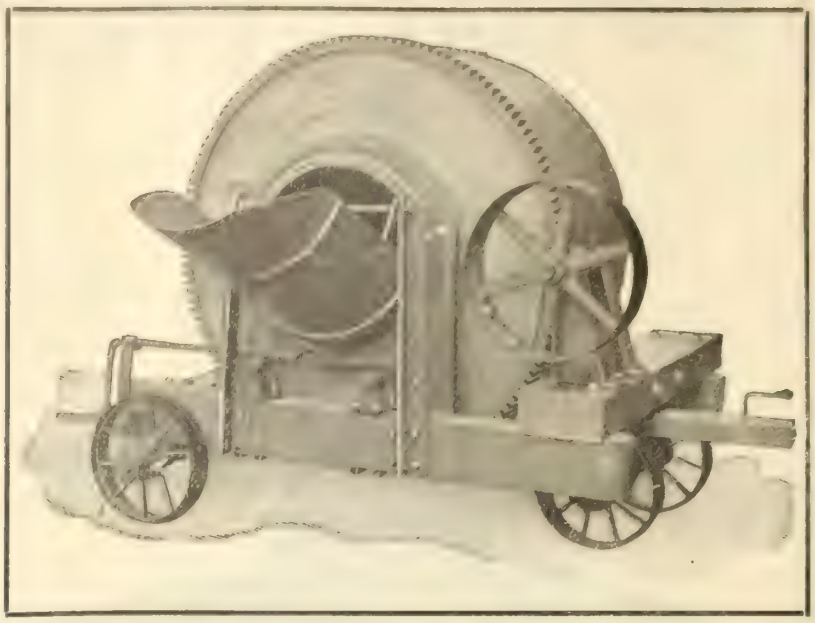

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A Weekly Journal of Public Works, Tenders, Advance Information and Municipal Progress

This Paper Reaches Every Week the Town and City Clerks, Town and City Engineers, County Clerks and County Engineers, Purchasers of Municipal Debentures and Leading Contractors in All Lines Throughout Canada

VOL. 16. TORONTO, MONTREAL — OCTOBER 4, 1905 — WINNIPEG, VANCOUVER No. 31

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Town of Collingwood

Tenders for Sewers

Sealed Tenders, addressed to Chairman, Sewer Committee, for the Town of Collingwood, will be received up to 6 p.m. OCTOBER 20TH, 1905, for the following quantities of sewer pipe and the construction of the following sewers in above named Town :—

PIPE :

1,400 ft. of 6″	pipe at	cts. per foot.	
5,852 " " 8″	" "	" " "	
4,948 " " 10″	" "	" " "	
4,250 " " 12″	" "	" " "	
2,624 " " 15″	" "	" " "	
1,292 " " 18″	" "	" " "	
1,440 " " 20″	" " $	" " "	
1,430 " " 24″	" "	" " "	
56 pcs. quarter bends 6″	at	cts. per pc.	
384 " 8″ x 6″ Y jcts.	at	" " "	
18 " 6″ x 8″ T "	at	" " "	
284 " 10″ x 6″ Y "	at	" " "	
260 " 12″ x 6″ Y "	at	" " "	
128 " 15″ x 6″ Y "	at	" " "	
80 " 18″ x 6″ Y "	at	" " "	
80 " 20″ x 6″ Y "	at	" " "	
60 " 24″ x 6″ Y "	at	" " "	

CONSTRUCTION :

Laying the above named pipe.

32 Manholes	at $	per manhole.
18 Lampholes	at $	" lamphole.
56 Catchbasins	at $	" Catch basin.
3 Flush Tanks	at $	" Flush tank.
1 Septic Tank	at $	"

EXCAVATION :

7,000 c. yds. of sand	at	cts. per c. yd.
5,000 " " " rock	at $	" " "
12,000 " " " refilling	at	cts. per c. yd.

Pipe to be shipped f.o.b. Collingwood.

A certified bank cheque payable to the Treasurer, Town of Collingwood, for the amount of 5 per cent. must accompany each tender, the same to be forfeited if the successful tenderer decline the contract or fail in the performance thereof and will be returned in case of non-acceptance.

The lowest or any tender not necessarily accepted

Plans and specifications may be seen at the Town Clerk's office.

JOHN MAIR, ESQ.,
Chairman Sewer Committee.
R. McDOWALL, C.E., Engineer.

FOR SALE, IN TORONTO—SMALL PLANing Mill, with or without machinery, suitable for contractor. Box 318, CONTRACT RECORD, Toronto, Ont.

To Contractors

Tenders will be received by the undersigned up to SATURDAY, OCTOBER 7TH, at 12 o'clock noon, for the several trades required in extensions to a store on North Yonge Street, Toronto. Plans and specifications may be seen, and all information obtained at the offices of the Architect. The lowest or any tender not necessarily accepted.

GEO. W. GUOINLOCK, Architect,
Temp e Building, Toronto.

To Contractors

Tenders will be received until the 10TH OF OCTOBER for the erection of a

Brick and Reinforced Concrete Factory

on Yonge Street, North Toronto.

Plans and specifications can be seen and all other information obtained at the office of E. J. Lennox, Architect, 164 Bay St., Toronto. The lowest of any tender not necessarily accepted.

FOR SALE CHEAP

One Smith Concrete Mixer No. 5, almost new, capacity 200 yards per day. One Haines Stationary Mixer in excellent condition. Also 3,000 8 ft Cedar Ties in good condition. Write for prices or call at my office in Queen Victoria Park.

H. D. SYMMES,
Niagara Falls South, Ont.

TO CONTRACTORS

Tenders will be received by the undersigned up to MONDAY, OCTOBER 9TH, at 12 o'clock noon, for the several trades required in the erection and completion of a large Stone Residence on Walmer Road, Toronto.

Plans and specifications may be seen and all information obtained at the offices of the Architect.

The lowest or any tender not necessarily accepted

GEO. W. GOUINLOCK, Architect,
Temple Building, Toronto.

TO CONTRACTORS

Tenders will be received by the undersigned up to FRIDAY, OCTOBER 6TH, at 12 o'clock noon, for the several trades required in Extensive Alterations and Additions to the National Trust Company Building on King street, Toronto.

Plans and specifications may be seen and all information obtained at the offices of the Architect.

The lowest or any tender not necessarily accepted.

GEO. W. GOUINLOCK, Architect,
Temple Building, Toronto.

Thos. Webster, plumber, Montreal, has registered his business.

The death is announced of Felix Rochen, contractor, Montreal.

CONTRACTS OPEN.

GRAND FALLS, N. B.—Burgess & Sons are building a flour mill here.

SYDNEY MINES, N. S.—The Town Engineer has prepared plans for a new town hall.

CRANBROOK, B. C. —L. McDermott purposes buiding a residence on Burwell ave.

MORTLACH, N.W.T.—J. P. Dean will receive tenders up to 25th inst. for building a one room school.

BRANDON, MAN.—T. E. Shore has purchased the Victoria Hotel, which he will brick veneer and re-decorate.

NEW ABERDEEN, N. S. — The question of constructing a waterworks system is under consideration.

VERNON, B C.—The Midland and Vernon Railway are about to let another ten-mile contract for work west of M dway.

WINCHESTER, ONT.—Tenders for supply of 300 cords of stone will be received by J. Drinkwater up to 6th inst.

PEMBROKE, ONT.—The Fire and Light Committee has recommended the purchase of two chemical fire engines.

ST. HENRI, QUE.—The application of Riel & Lecavalier for permission to construct an abattoir has been rejected.

MOOSOMIN, N. W. T. — Engineer Wiggins, of Regina, is reporting on waterworks and sewerage systems for this place.

ORILLIA, ONT.—R. O. Smith and M. S. Tarr purpose organizing a joint stock company for the building of a summer hotel.

GIRVIN, N. W. T.—W. A. Hazelton, Secretary Girvin School District, has taken tenders on $2,000 6 per cent. debentures.

ST. JOHN, N. B.—It is stated that the Carleton Electric Light Co. are considering the construction of a street railway system.

HARTNEY, MAN.—Eade Bros., architects, Winnipeg, are preparing plans for a town hall here, to be 2½ stories, 82 x 50 feet.

BRAMPTON, ONT. — The Grand Trunk Railway Co. intend building a new station, which, according to report, will cost about $40,000.

FORT FRANCES, ONT.—The Preston-Bell Lumber Co. are said to be considering the establishment of a pulp mill on Rainy Lake.

DALHOUSIE, N.B.—Dr. T. Drummond has purchased the Inch Arran Hotel here and intends converting it into a sanitarium for consumptives.

INGERSOLL, ONT.—W. R. Smith, Town Clerk, will receive tenders up to Friday, October 13th, for purchase of $21,500 4½ per cent. debentures.

VICTORIA, B. C. — The Victoria [illegible] at Saanich Inlet, instead of a piano factory as stated in the previous issue.

[illegible] N.W.T. — The ratepayers will vote on a by-law to build a $35,000 school.—A vote is to be taken to determine the location of the $100,000 city hall.

WATERLOO, ONT. — The County Council have passed a by-law to raise $7,000 for an addition to the House of Refuge and for building county bridges.

WROXETER, ONT. — J. Cowan, Village Clerk, will receive bids up to October 20th for purchase of $3,200 4 per cent. debentures payable in 25 annual instalments.

LADYSMITH, B. C. — A new proposition for a water supply has been suggested, the idea being to divert the course of McLeod creek so as to connect with Bush creek.

MIMICO, ONT.—An appeal will be issued to the public to provide about $4,000 for building a swimming bath annex to the gymnasium at the Victoria Industrial School.

DRUMMONDVILLE, QUE.—Tenders for installation of waterworks and electric light system for the town will be received by W. A. Moisan, Town Clerk, up to October 9th.

BARRIE, ONT.—The Spencer Industrials Co. have submitted a proposition to the Council to erect a factory here for the manufacture of supplies and novelties for merchants and grocers.

WOODSTOCK, ONT.—A subway will be constructed under the main line of Grand Trunk Railway to the west of Finkle street, the company contrbuting $4,000 towards the expense.

GORRIE, ONT.—Bids are requested by L. Walker, Clerk Township of Howick, up to October 21st, for purchase of $1,850 25-year 4 per cent. debentures issued for erection of new school house.

PALLISER, B. C.—The Dickason-Goodman Lumber Co., of Kansas City, Mo., have purchased the saw mill and timber limits of W. C. Wells and intend increasing the capacity of the plant.

ALLENDALE, ONT.—C. M. Hays, general manager of the Grand Trunk Railway, has signified the willingness of the company to contribute $4,500 and a free site for the erection of a Y.M.C.A. building here.

VANCOUVER, B.C.—J. A. Douglas, a prominent capitalist of Montreal, has purchased the vacant property at south-east corner of Cordova and Granville streets and will erect a $30,000 office building thereon.

PORT ARTHUR, ONT.—A by-law authorizing the issue of $18,000 of debentures for erection of a telephone building and extension of the telephone system will be submitted to the ratepayers October 16th.

CLINTON, ONT. — The Clinton Thresher Co., recently formed here to acquire the plant of the Macpherson & Hovey Co., intend erecting new buildings and the town is asked to guarantee their bonds to the amount of $10,000.

PORT ARTHUR, ONT.—The Town Council have notified the Hydro Electric Commission that the town will grant water power concessions on the Kamistiquia river to the Mount McKay and Kakabeka Falls Electric Railway Co.

BERLIN, ONT.—Forwell Bros. are having plans prepared for their foundry buildings. There will be two main buildings, of brick, one 152 × 100 feet, the other 35 × 100 feet, also a stock shed 29 × 65 feet, and a metallic supply shed 18 × 115 feet.

ST. BONIFACE, MAN.—It is understood that Marchand & Haskell, architects, Montreal, will invite tenders privately for the new Catholic cathedral to be built here. It will be 100 × 300 feet, of native stone, with steeples at each of the front corners.

PARRY SOUND, ONT.—By-laws were carried here on Friday last giving a bonus of $25,000 to the James Bay railway for the erection of machine and car repair shops here and to provide $20,000 towards the improvement of the electric light plant.

GLACE BAY, N.S.—Plans are now being prepared for the new Orange Hall. —It is reported that the Dominion Coal Co. will shortly erect several large buildings on their property adjoining Union Street, to include warehouse, machine shop, foundry and car shop.

CHATHAM, N. B.—The ratepayers have decided to apply to the Legislature for authority to issue $35,000 of 40-year 4 per cent. debentures for the purpose of installing an entirely new electric light plant. It is not likely that work will be commenced until next spring.

MOOSE JAW, N. W. T.—George McDonald, architect, has prepared plans and is taking tenders for a two roomed brick school on South Hill.—The Bank of Commerce have purchased a site on corner of Main and High streets on which to erect a band building.

OTTAWA, ONT.—It is understood to be the intention of the Government to erect a fine residence for Dr. W.F. King, the Dominion Astronomer.—It is the intention of the Ottawa Electric Railway Co. to enlarge the auditorium at Britannia next season and build a large gallery.

ARNPRIOR, ONT. — The Council have agreed to purchase electric power from McLachlan Bros. for operating the waterworks, and the latter will therefore likely build a new dam.—Representatives of the Montreal Suspender & Umbrella Co. were here last week to select a site for proposed factory.

EDMONTON, N.W.T.—The School Board are considering the advisability of building a four roomed school. — The City Commissioners have reported that in their opinion the present source of water supply is only temporary and it will soon be necessary to commence investigations with a view to finding other sources of supply.

STRATFORD, ONT.—Plans have been completed for a new gymnasium to be built at Woodstock College, 3 stories, 80 × 50 feet, of grey stone. cost $10,000.—Wm. Richardson has purchased property on Ontario street on which he will build a printing office for the Stratford Beacon. —The Whyte Packing Co. will build an addition to their plant, at a cost of $12,000

FORT FRANCES, ONT. — John Galt, C.E., of Toronto, visited this town last week in connection with his report on the proposed system of waterworks and sewerage.—It is said that plans have been prepared for a large saw mill to be built by the Backus-Brookes syndicate. —The statement was made by His Grace Archbishop Langevin, who was here a few days ago, that a new hospital for the Catholics will be built immediately.

TORONTO JUNCTION, ONT.—The following building permits were granted last week: George C. Royce, two-storey brick residence, Annette street east, cost $4,000; J.W. Dodds, two-storey brick residence, Western Ave., cost $2,000; J. Backus, two-storey brick residence, Lakeview ave., cost $1,900; Jas. Parsons, two-storey brick residence, Quebec ave., cost $1,800.

ST. CATHARINES, ONT.—The Department of Railways and Canals, Ottawa, are asking for tenders up to October 11th, for construction of a concrete retaining wall on east side of Rock Cut on the Welland Canal. Plans at office of the Superintendent Engineer here.—Under the agreement entered into between the city council and the Hamilton Cataract Power, Light & Traction Co., the latter agree to expend $150,000 in installing a new plant at DeCew Falls.

OWEN SOUND, ONT. — Mayor Duncan contemplates modernizing his block at corner of Poulett and Division streets.—John Crane has purchased the Clifton House property and will, it is said, erect a couple of two storey stores on the north end.—The ratepayers of the township of Sarawak will vote on a by-law on October 24th granting exemption from taxation to the Manning Wood Fibre Co., who purpose building a factory for the manufacture of wood fibre.

NIAGARA FALLS, ONT.—Tenders are requested by John Robinson, City Clerk, up to Thussday, 5th inst., for construction to Sections Nos. 18 and 19 of the Niagara Falls sewerage system. There will be 170 feet of 18 inch, 3,150 feet of 15 inch and 2,300 feet of 9 and 10 inch sewers.—J. L. Nicholls, architect, has prepared plans for St. Andrews Sunday school building.—The Bank of Hamilton have purchased a lot at corner of Main and Peter streets as a site for a new bank building.

VANCOUVER, B.C.—Proposals will be received by W. G. Walker, of Mount Pleasant, for the purchase of $50,000 debentures of the corporation of South Vancouver, payable 50 years from the 21st of October, 1905, and bearing 5 per cent. interest per annum.—W. A. Clement, City Engineer, is preparing a report on the future water supply of the city. He will consider the question of installing a direct pressure system in order to reach the high levels like Fairview and Mount Pleasant.

LONDON, ONT.—The Southwestern Traction Co. have purchased land at Glenworth for the purpose of building a reserve power house, steel frame, concrete walls.—The congregation of St. Paul's United Evangelical church have decided either to build or buy a suitable church edifice. Rev. F. W. A. Eierman is pastor.—The Grand Trunk is negotiating for the acquisition of the property of Fred Rumball on Bathurst street, in which case Mr. Rumball would likely build a new mill on the southwest corner of Adelaide and Horton street.

QUEBEC, QUE.—The C.P.R. are purchasing property with the intention of extending the Chateau Frontenac.—Mr. Carrier, M. P., states that it is imperative for the Government to build a new graving dock at Levis, at an approximate cost of $250,000. — The Bank of Montreal have purchased the property at corner of Garneay and Fabrique streets and will erect a building for banking purposes.—Building permits have been granted as follows: J. B. Jinchereau, repairs to building of M. Marceau, cost $7,000; Senator Choquette, new building, cost $11,000; J. Cauchon, alterations to building, cost $3,000.

WINNIPEG, MAN.—C. J. Brown, City Clerk, will receive tenders up to Thursday, October 12th, for supply of a quantity of water pipe, specials, valves and hydrants. Specifications at office of H. N. Ruttan, City Engineer.—The C.P.R. will shortly invite tenders for the extension of their road into the town of McLeod. This company state that the construction of the Rachael street subway will be undertaken this year.—It is probable that a by-law will be submitted to the ratepayers at the next municipal election authorizing the expenditure of $600,000 for a municipal gas plant.—It is the intention of the Salvation Army to build a $50,000 hospital in this city.—The Building Inspector reports that up to September 25th he has issued permits for 3,439

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buildings, of an aggregate cost of $9,627,650.

MONTREAL, QUE.—L. O. David, City Clerk, will receive tenders up to Thursday, 5th inst., for erection of a fire station on Berthelet street. Plans at office of A. F. Dunlop, architect, 72 Temple Building.—The city may ask the Legislature for authority to borrow about $300,000 annually for a number of years for the purpose of constructing permanent pavements.—The Richelieu and Ontario Navigation Co. have announced their intention to build three new steamers, also an addition to the hotel at Tadousac. —The Council have given notice of their intention to construct sewers on the following streets: St. Andre street, from Gilford street to Laurier ave.; D'Argenson street, from Centre street to Chateauguay street; St. Norbert street, from Hotel-de-Ville eastwards; O'Connell ave., from Reading street northwards; Sherbrooke street, from Frontenac street to Iberville street

HAMILTON, ONT.—It is stated that the London Machine Tool Co. have decided to remove their works to this city.—Thomas Lovejoy will build a $1,500 brick residence at corner of Sherman ave. and Cannon streets.—It is stated that the Turbine Steamship Co. will build a new wharf next spring.—Messrs. Long and Bisby have donated a site on the Mountain for a consumptive sanitarium and a fund of about $20,000 has been raised towards the erection of a suitable building.—J. P. Mullins has purchased a site for a new building in the Cahill property, opposite Copp's block.—Building permits have been granted as follows: W. A. Noble & Co., frame residence, Dundurn street, between Head and King streets, cost $1,000; Thomas Fanning, brick residence, Locke street, cost $2,000; James Dunlop Co, addition to store, 127 John street south, cost $2,800: R. S. Mason, brick residence, Duke street, between Bay and Caroline streets, cost $1,400.—Noble & Vanderlip have purchased two lots on Sanford ave. and Harvey street on which they will erect four brick dwellings.

TORONTO, ONT.—E. J. Lennox, architect, is taking tenders up to October 10th for erection of a brick and reinforced concrete factory on Yonge street, North Toronto.—The Board of Control have appointed G. W. Gouinlock as architect for the new process building and live stock arena to be erected on the Exhibition grounds. The process building is estimated to cost $81,000 and the live stock arena $105,000.—K. J. Allison, 668 Yonge street, wants separate or bulk tenders for erection of brick warehouse and stable.—J. A. Harvey, architect, Manning Chambers, is taking tenders up to noon to-day (Wednesday), for mason and carpenter work, painting, plastering and roofing of a detached residence to be built on Palmerston boulevard for R. S. McIntyre.—Reinhardt & Co., brewers, Mark street, are taking tenders up to 7th inst. for erection of a brick building.—Tenders are wanted at 73 Vanauley street for stone and brick work on pair of semi-detached houses.—Dr. W. A. Young has purchased the residence on College street formerly occupied by H. E. Simpson and intends building on the property either a pair of houses or one large residence, with stabling on Murray street for six horses. The plans will be prepared by C. J. Gibson, architect, Janes Building. —The management of the Western Hospital have formulated plans for extensive additions and improvements. Work will commence almost immediately on a new building to cost $10,000 for the treatment of infectious diseases, and early next summer the erection of a new wing to cost about $30,000 will be commenced.—The Island Amateur Aquatic Association will build a new boat house west of Hanlan's bridge on the Island.—The Dominion Automobile Co. have torn down the old buildings on the south-east corner of Victoria and Richmond streets preparatory

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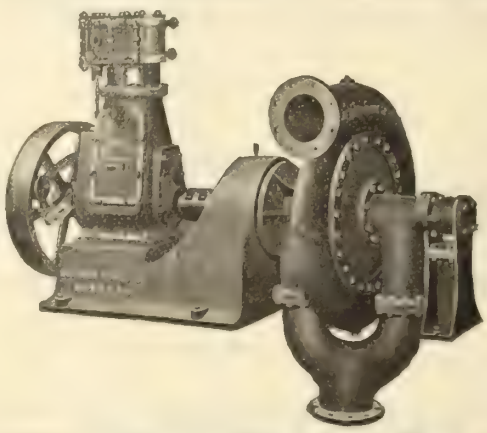

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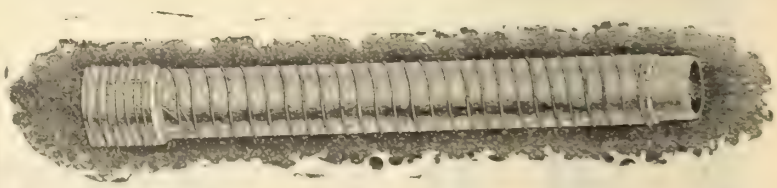

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to the erection of a new structure on the site.—Chief Thompson, of the Fire Department, has recommended that the proposed new fire station for the north end of the city be erected in the vicinity of Dupont street and Brunswick ave.—G. W. Gouinlock, architect, is taking tenders as follows: Up to 6 h inst., for alterations and additions to the National Trust Building on King street east; up to 7th inst., for additions to a store on Yonge street; up to 9th inst., for erection of a large stone residence on Walmer road—The Toronto E ks, Limited, recently incorporated, propose to build a club house.—The City Engineer has stated that work on the east end sewerage system will be commenced as soon as plans can be prepared and tenders taken.—The Engineer reported to the Board of Control last week on the construction of street car lines to the Exhibition grounds and to the Island. He recommended that application be made to the Railway Commission for permission to build bridges across the tracks of the Grand Trunk Railway at Bathurst street and the Canadian Pacific Railway in the park. The cost of the structures, together with pavements and removal of buildings, is placed at $100,000.—The City Engineer has recommended the construction of the following pavements: Asphalt, Birtle ave., from 430 feet west of Dundas street to west end, cost $1,636; Birtle ave., from Dundas street to 430 feet west, cost $2,648; Yonge street, from King to Queen, cost $6,097; Aberdeen ave., from Parliament street to 441 feet west, cost $1,961; Broadview ave., from Queen to Gerrard, cost $20,644. Brick, Howard Park ave., from Dundas to High Park, cost $23,117; Trafalgar ave., Gladstone to Dufferin, cost $2,452; Richmond street, from York to Simcoe, cost $7,036. Cedar block, Broadview ave., from Gerrard to Danforth, cost $9,173. Macadam, Morrison street from Adelaide street south, cost $872.—The City Engineer has again recommended a cross-town line of street railway, Bathurst street to Parliament street, along St. Patrick street, Agnes street and W lton ave. He estimates the total cost to the city of paving the track allowance at $153,107, divided as follows: St. Patrick street, double track, $62,470; Anderson street, single track, $1,370; Caer-Howell street, single track, $3,045; Elm street, single track, $955; Centre ave., single track, $1,627; Agnes street, double track, $14,050; Wilton ave., double track, $79,590.—Building permits have been granted as follows: T. J. Sproule, two-storey and attic brick dwelling, Hepbourne st. near Rusholme road, cost $2,500; David Boyle, pair two-storey brick dwellings, Walker ave., cost $4,500 (Symons & Rae, architects); F. W. Johnson, two-storey brick and stone dwelling, Dundonald ave., cost $3,000 (J. A. Ellis, architect); G. W. A. Fairchild, addition to factory, 64 Richmond street east, cost $2,000; F. Doane, two-storey stable, brick, steel and reinforced concrete, Yonge street, near Isabella, cost $6,000; Thos. Whaley, two brick dwellings, Albany ave., near Dupont st., cost $5,000; C. W. Chadwick, two-storey brick dwelling, Albany ave., near Dupont st., cost $7,500; Hodgkinson Bros., pair two-storey roughcast dwellings, DeGrassi st., cost $3,000; Herbert Galbraith, pair 2½-storey brick dwell ngs, Grace st., cost $5,500 (G. R. Harper, architect); J. T. V. May, 2½-

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storey stone and brick dwelling, Palmerston ave., near College st., cost $5,500; Wm. Davies Co., additions and alterations to store and dwelling, 400 Queen st. west, cost $4,000; P. J. Brown, 2½-storey brick residence, cor. Queen and Carlaw ave., cost $9,000 (A.W. Holmes, architect); Fairbanks Morse Canadian Mfg. Co., one-storey factory and tin shop of reinforced concrete, Bloor st. west, near Mallon ave., cost $18,000; John Percy, pair two-storey roughcast dwellings, brick fronts, Seaton Square, cost $3,000; A. T. Laing, 2½-storey brick dwelling, Olive ave., cost $3,700 (Langley & Langley, architects); Wm. Waters, two-storey and attic brick and stone residence, Beatrice st., near College, cost $3,000 (R. J. Edwards, architect); Amy Phippen, three two-storey roughcast dwellings, Myrtle ave., cost $4,000; J. Phillips, five pair two-storey roughcast dwellings, brick veneer fronts, Manning ave., near Bloor st., cost $15,000 Finney Bros., architects.

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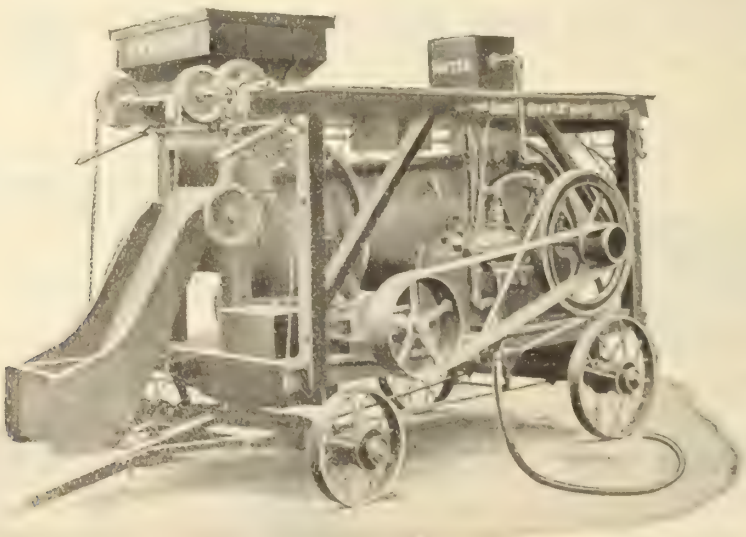

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GRISWOLD, MAN. — Parsonage on the Reserve: A. Cameron, of Brandon, contractor.

SYDNEY MINES, N. S.—$5,000 of town bonds have been sold to T. McAvity & Sons, St. John, at 98.

FERNIE, B.C.—Residence for Thomas Fawcett: Walde & Digby, successful tenderers, cost about $2,000.

SARNIA, ONT.—The contract for mason work of new Merrison block has been let to John Forkin, at about $4,000.

ST. JOHN, N. B.—The contract for new organ for Trinity church has been let to Casavant Bros., of St. Hyacinthe, Que.

MORRISBURG, ONT.—The Phoenix Bridge and Iron Works, Montreal, have secured the contract for buildings for the Tin Plate Co.

VANCOUVER, B. C.—Residence for R. G. Macpherson, M.P.: W. T. Whiteway, architect; Peter Tardiff, contractor, cost about $5,500.

MITCHELL, ONT.—A. Hill & Co., this place, have been awarded the contract for a steel bridge on the 12th Concession of Grey, 120 feet long, price $2,050.

NORTH SYDNEY, N. S.—The contract for repairs to the steamer Thrift has been let to S. M. Brookfield, of Halifax, cost about $9,000.

MONTREAL, QUE.—La Compagnie de Construction General was the only tenderer for building a lookout on the Mountain, price $15,000.

PEMBROKE, ONT. — Alterations to town hall: Carpenter work, W. Beatty, $975; plumbing, Dunlop & Co., $122; painting, James Taylor, $136.

ST. THOMAS, ONT.—Chick Bros., of Windsor, have been awarded a contract by the Pere Marquette Railway to build 15 tracks, each 3,000 feet in length, here for sidings.

VICTORIA, B.C.—The tender of the Hinton Electric Co. has been accepted for supply of electrical apparatus, at $9,075. The apparatus is to be of the Canadian General Electric type.

TORONTO, ONT.—The tender of the Canadian Westinghouse Co., Hamilton, has been accepted for supply of two 5,000,000 gallon pumping engines, price $68,411. Robert McLean & Co., of Glasgow, Scotland, will supply the 20, 12 and 8 inch iron pipe for the high pressure system.

WINNIPEG, MAN.—R. Wilson-Smith, of Montreal, was the succesful tenderer for the purchase of $286,080 Manitoba drainage debentures, at an average price of 101.—Cotter Bros. have been awarded the contract for installing hot water heating apparatus in the new Immigration building. — Erection of the First Lutheran church, corner of Ellice ave. and Beverly street: J. J. Vopni, contractor, cost about $9,000.

C. O. Brown has disposed of his limestone quarries at Owen Sound, Ont., to the Wellington Lime Company, of Toronto. Albert E. Cameron will be the local manager of the company.

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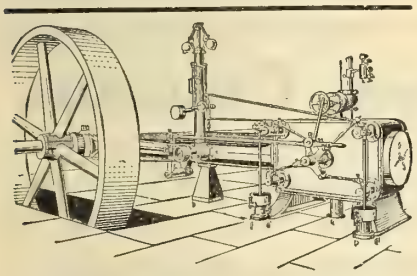
Field Notes of the late F. F. Passmore.



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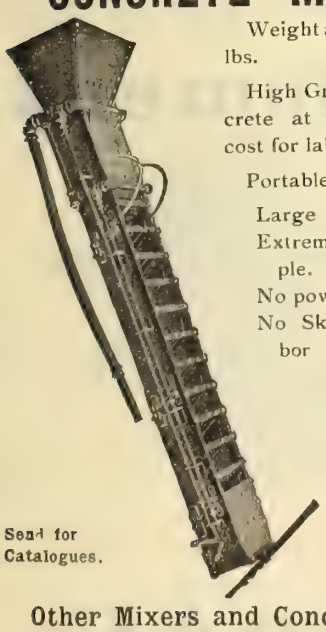

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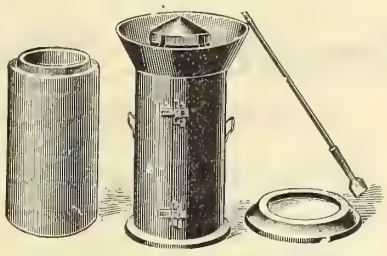

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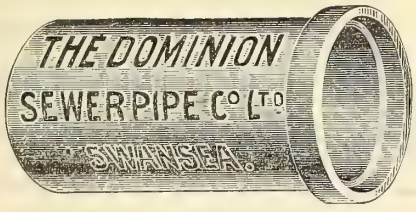

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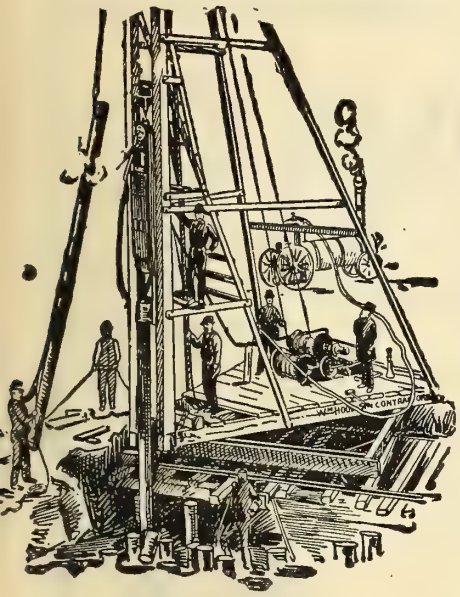

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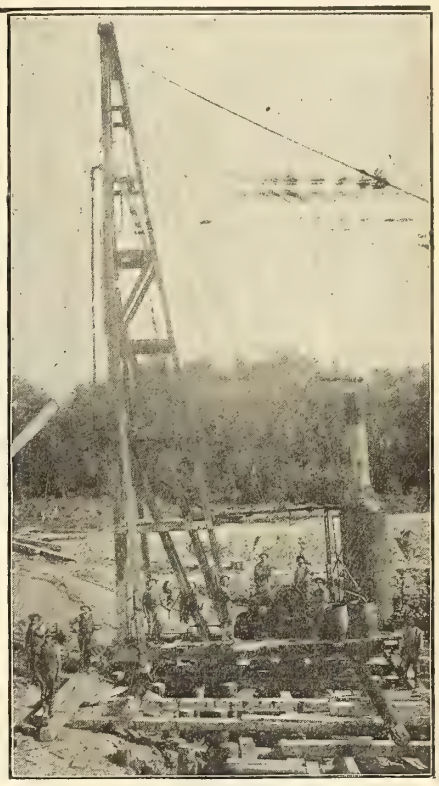

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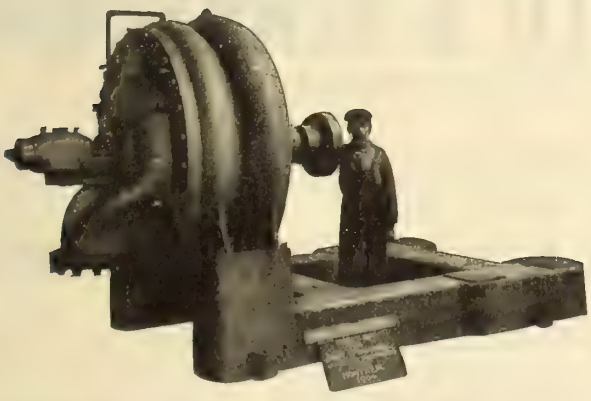

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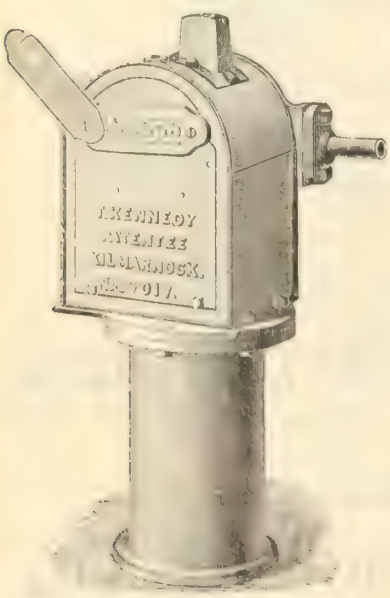

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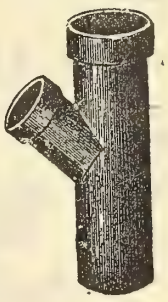

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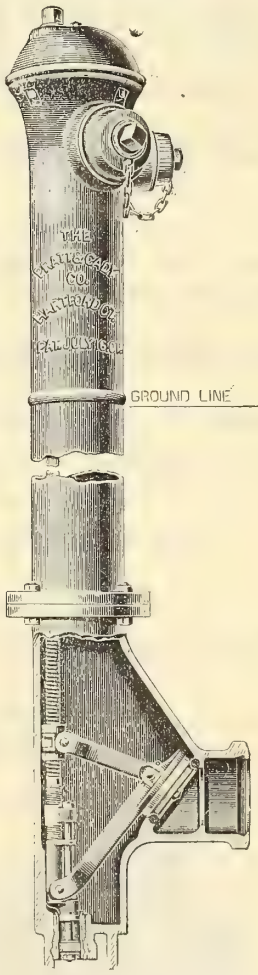

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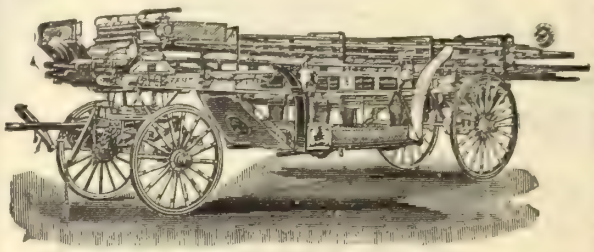

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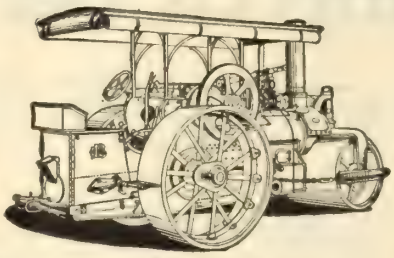

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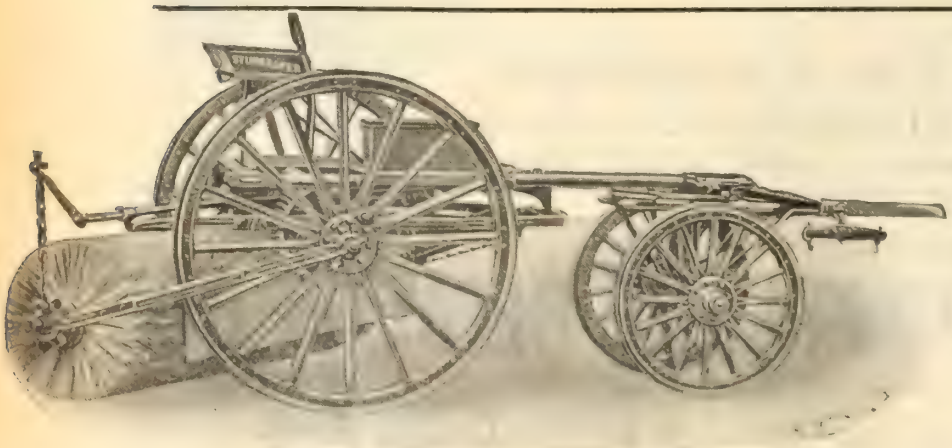

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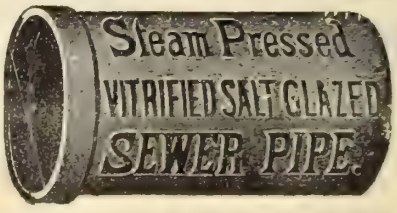

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The Isthmian Canal Commission wisely demanded a special quality cement for the Panama contract let May, 1905. The sea water clause, while necessary to insure the work, was undoubtedly severe. One of the largest American Companies tied the bid of Alsen's. The Government awarded the contract to Am. Alsen's in preference, at equal figures. The bids are on record at Washington. Alsen's product has always been recognized as of higher average quality than any other brand. It is ultra high grade and a more practically portland. It has become known as the "absolutely safe cement."

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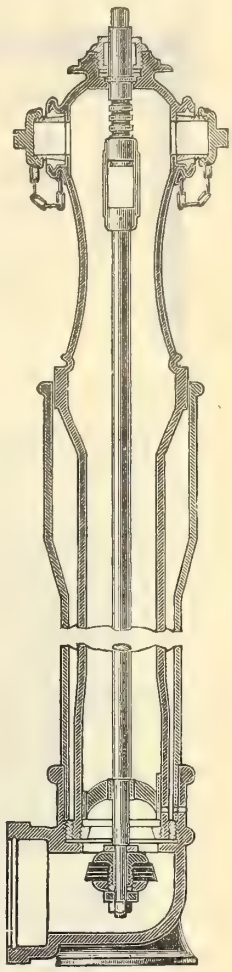

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3 inches to 60 inches diameter.

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DUMP CARS

FOR STEAM SHOVEL WORK

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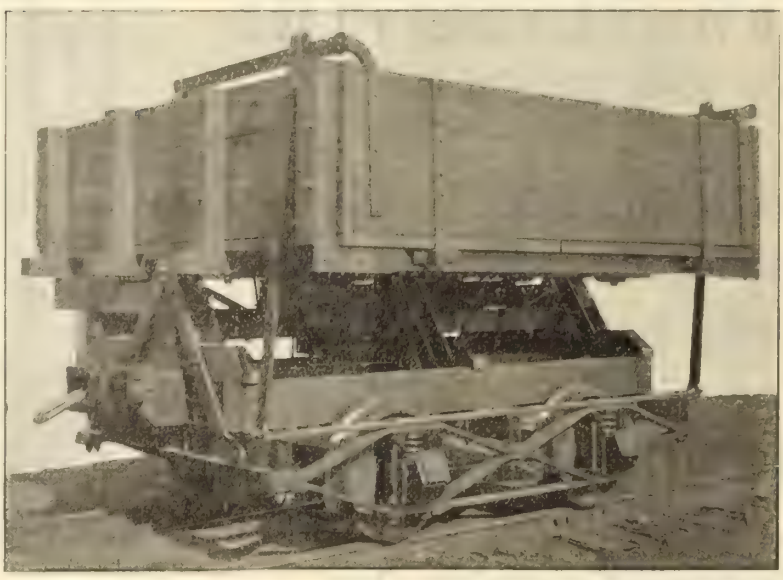

Our **DUMP CARS** are unquestionably superior both in material and workmanship to any cars heretofore manufactured. Latest improvements in method of operating place our car far in advance of all others. All working parts are made throughout of wrought steel. All parts of each are interchangeable.

ONE AND TWO-WAY DUMP CARS

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Extremely Low Prices Sent on Application

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All Styles

All our **ORE CARS** are very carefully and substantially built throughout. The boxes are made of best quality of Steel Plates, very strong for their weight and properly balanced. Heavy Cast Iron Wheels, chilled on the face and with full web centre.

We are prepared to furnish Ore Cars of any style, and box of any size, and for any gauge track, and will furnish estimates on receipt of specification.

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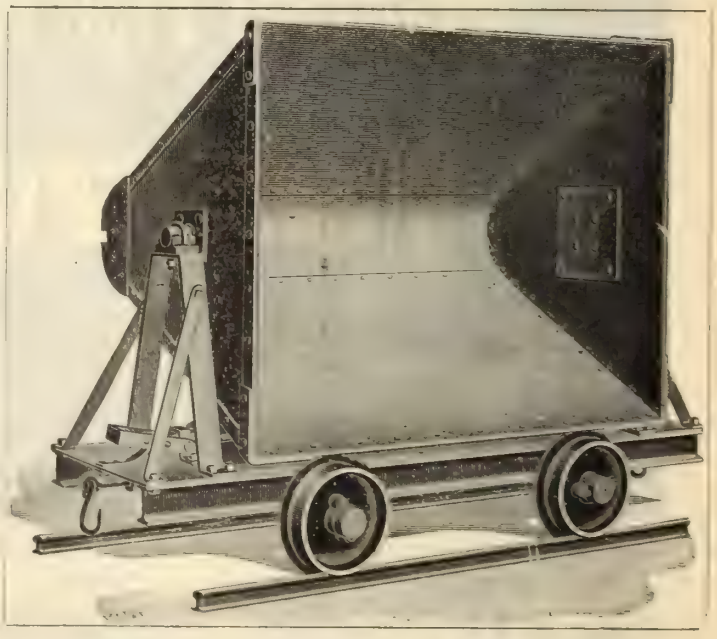

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CANADIAN

Contract Record

A Weekly Journal of Public Works, Tenders, Advance Information and Municipal Progress

This Paper Reaches Every Week the Town and City Clerks, Town and City Engineers, County Clerks and County Engineers, Purchasers of Municipal Debentures and Leading Contractors In All Lines Throughout Canada

VOL. 16. TORONTO, MONTREAL — OCTOBER 11, 1905 — WINNIPEG, VANCOUVER No. 32

THE CANADIAN CONTRACT RECORD
PUBLISHED EVERY WEDNESDAY
As an Intermediate Edition of the Canadian Architect and Builder.

THE C. H. MORTIMER PUBLISHING COMPANY
of Toronto, Limited,

Subscription Price, $2 per annum, payable in advance.

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Town of Collingwood

Tenders for Sewers

Sealed Tenders, addressed to Chairman, Sewer Committee, for the Town of Collingwood, will be received up to 6 p.m. OCTOBER 20TH, 1905, for the following quantities of sewer pipe and the construction of the following sewers in above named Town :—

PIPE :

1,400 ft. of 6"	pipe at		cts. per foot.
5,852 " " 8"	" "		" " "
4,928 " " 10"	" "		" " "
4,250 " " 12"	" "		" " "
2,624 " " 15"	" "		" " "
1,292 " " 18"	" "		" " "
1,440 " " 20"	" "	$	" " "
1,430 " " 24"	" "		" " "
36 pcs. quarter bends 6"	at		cts. per pc.
384 " 8" x 6" Y jcts.	at		" " "
18 " 8" x 8" T "	at		" " "
284 " 10" x 6" Y "	at		" " "
260 " 12" x 6" Y "	at		" " "
128 " 15" x 6" Y "	at		" " "
80 " 18" x 6" Y "	at		" " "
80 " 20" x 6" Y "	at		" " "
60 " 24" x 6" Y "	at		" " "

CONSTRUCTION :

Laying the above named pipe.

32 Manholes	at	$	per manhole.
18 Lampholes	at	$	" lamphole.
56 Catchbasins	at	$	" Catch basin.
3 Flush Tanks	at	$	" Flush tank.
1 Septic Tank	at	$	"

EXCAVATION :

7,000 c. yds. of sand	at		cts. per c. yd.
5,000 " " " rock	at	$	" " "
12,000 " " " refilling	at		cts. per c. yd.

Pipe to be shipped f.o.b. Collingwood.

A certified bank cheque payable to the Treasurer, Town of Collingwood, for the amount of 5 per cent. must accompany each tender, the same to be forfeited if the successful tenderer decline the contract or fail in the performance thereof and will be returned in case of non-acceptance.

The lowest or any tender not necessarily accepted

Plans and specifications may be seen at the Town Clerk's office.

JOHN MAIR, Esq.,
Chairman Sewer Committee.
R. McDOWALL, C.E., Engineer.

CAST IRON WATER PIPES

Sealed tenders will be received by the City Clerk, St. Catharines, Ontario, until 12 o'clock at noon on MONDAY, THE 16TH DAY OF OCTOBER, INST, for the supplying of about 2,400 feet of 6 inch Cast Iron Water Pipes, light weight, delivered at St. Catharines not later than the end of October.

Tenders to be per ton of 2,000 pounds.

R. E. SPEAKMAN, C. E.,
City Engineer.

City Engineer's office,
St. Catharines, October 7th, 1905.

CONTRACTS OPEN.

ELM CREEK, MAN.—J. Rinn intends building a brick store.

NEW SARUM, ONT.—A new Baptist church will be built here.

GRAVENHURST, ONT.—The town will issue $7,000 of debentures.

WATERLOO, ONT.—Michael Connor will build several more houses.

MITCHELL, ONT.—A. Hill & Co. are preparing to extend their works.

WELLAND, ONT.—J. D. Gunn will build a residence on Main street east.

MORRIS, MAN.—The Catholic residents have decided to build a church.

NORTH BAY, ONT.—The Salvation Army have purchased a site for proposed barracks.

ORILLIA, ONT.—The Massey-Harris Co. contemplate erecting a large warehouse here.

HALIFAX, N. S.—R. L. Lessel, architect, wants catalogues and price lists of vault doors.

EXETER, ONT.—It is stated that the Exeter Electric Light Co. will make improvements to their plant.

REVELSTOKE, B.C.—It is practically decided that the Revelstoke Lumber Co. will rebuild their saw mill.

GRAND VIEW, MAN.—T. A. Burrows, M.P., intends building a saw mill about 14 miles from this place.

LADYSMITH, B.C.—It is expected that a new customs and post office building will be erected here next year.

CAMPBELLTON, N.B.—The Council have decided to purchase electrical apparatus for thawing water pipes.

MITCHELL, ONT.—The Trustee Board of the Methodist church have decided to build a new parsonage.

ST. MARY'S, ONT.—The engineer has recommended that new dynamos be purchased for the electric light plant.

OWEN SOUND, ONT.—H. D. Merriam has purchased a lot on Murdoch street on which to build a residence.

INGERSOLL, ONT.—Extensive improvements to the King street Methodist church are to be undertaken immediately.

PORT COLBORNE, ONT.—The Welland County Lime Works Co. will build a power house and install an electric light plant.

EDMONTON, N.W.T.—Harrington & Mahoney, of Winnipeg, will build a three-storey brick hotel 54x87 feet at this place.

ARNPRIOR, ONT.—E. D. Osborne has submitted a proposition to the Council to erect a grain elevator here, at a cost of $3,000.

CARNDUFF, N. W. T.—The town is offering a bonus for the building of a skating rink. Particulars from W. I. Richardson.

WOODSTOCK, ONT.—The Bank of Commerce will take steps immediately to erect a new building on the site of the Caister House.

CHATHAM, N.B.—The Superintendent of the electric light plant has been instructed to prepare specifications for the new plant.

TILBURY, ONT.—J. L. Wilson & Son, architects, Chatham, have just taken tenders on erection of a brick hotel here for Barney Ballor.

MONTMORENCY, QUE.—Tenders are being taken this week by J. W. St. Pierre for construction of waterworks and drainage systems.

NIAGARA FALLS, ONT.—Tenders will be awarded this week for new Sunday school building for St. Andrew's Presbyterian church.

DUNDAS, ONT.—The waterworks system will be extended along Sydenham, Park, Victoria and other streets, at an an estimated cost of $10,000.

DELORIMIER, QUE.—The Council have refused to grant a bonus to the New York Silk Waist Co., who proposed to build an extensive factory here.

NEWMARKET, ONT.—Charles Dunham has purchased a lot on corner of Millard ave. and Joseph street on which he intends building a residence.

BRUSSELS, ONT.—Robert Thomson has been granted exemption from taxation on a cold storage building to be erected, of cement, 43 x 50 feet.

OTTAWA, ONT.—Newton J. Ker, City Engineer, desires tenders by Saturday, 14th inst., for construction of a bitulithic pavement on Nicolas street.

MEAFORD, ONT.—Engineer Rose has recommended that immediate steps be taken to duplicate the pump and boilers at the waterworks power house.

PORT HOPE, ONT.—The Britannia Paper Co. have made an agreement with the town by which they agree to expend $50,000 in buildings and machinery.

BRANDON, MAN.—A. A. Cox, architect, Montreal, has prepared plans for the new building to be built here by the Bank of British North America.

MOOSOMIN, N.W.T.—In connection with fire protection system, it has been decided to proceed with the original plans for fire engine and underground tanks.

GANANOQUE, ONT.—The Council will likely install an electric motor for waterworks pumping. A large coal shed, to cost about $3,000, may also be erected.

[illegible]VER, ONT.—John McIver, Indian Agent, this place, will receive tenders up to Saturday, 21st inst., for erection o a church building on Cape Crocker, Indian Reserve.

GODERICH, ONT.—The Goderich Baptist congregation will build a new church on corner of Montreal and Marker streets. The foundation will be put in this year.

CLINTON, ONT.—A special committee of the Council has outlined a plan for a system of waterworks, to cost about $10,000 and including a stand pipe costing $5,000.

REVELSTOKE, B. C.—The Adair Manufacturing Co., organized with a capital of $75,000, will build a factory here for the manufacture of a patent stump burner.

OXBOW, N.W.T.—Bids will be received by James D. Murphy, Secretary-Treasurer of the town, up to October 16th for purchase of $3,000 20-year 6 per cent. debentures.

PORTAGE LA PRAIRIE, MAN.—Surveyors are now laying out the route for the Manitoba and Midland railway, which is to run from this place to the United States border near Emerson.

NEW WESTMINSTER, B. C.—The Department of Public Works, Ottawa, desire tenders by Saturday, 21st inst, for construction of Indian and Fisheries building here. Plans at office of G. A. Keefer.

MIDLAND, ONT. — The Midland Power Co. are asking for a charter to use the waters of the large chute for the generation of electricity for the villages of Midland, Waubaushene and Victoria Harbor.

FORT WILLIAM, ONT.—Whalen & Bowman, of the Great Lakes Dredging Co., Port Arthur, have purchased a site on Island No. 2 for a dry dock and marine railway, together with a foundry and machine shop.

TAVISTOCK, ONT.—Tenders for repairs and improvements to the central drain are being received this week by V. Stock, Clerk of South Easthope. The work is to be executed in the spring and summer of 1906.

CALGARY, N.W.T.—The plans of Architect Gordon have been accepted for new school building, which is estimated to cost about $35,000.—Moodie & Co. will make improvements to the Royal Hotel costing $7,000.

ODELL, ONT. — Bids will be received by George Riddell, Clerk Township of Hampton, up to October 21 for construction of Hampton drain, cost about $3,000. F. W. Farncombe, C.E., London, is the engineer.

PORT BURWELL, ONT.—Tenders for construction of a breakwater here will be received by the Department of Public Works, Ottawa, up to Friday, November 3rd. Plans on application to the Postmaster. Cheque deposit, $7,000.

CORNWALL CENTRE, ONT.--John Mullin, Clerk of Township of Cornwall, desires tenders by October 23rd for construction of the Gladstone sewer, cost $5,188, and the Lorneville sewer, cost $1,020. Plans at office of H. W. Magwood, engineer, Cornwall.

CANNING, N.S.—The Kerr Vegetable Evaporating Co., of which A. D. Payzant is one of the members, will install an electric light plant for lighting the municipality. In the spring the system will be extended to Kingsport and Sheffield's Mills.

SASKATOON, N.W.T.—James Clinkskill has had plans prepared for a cement block building to be erected next spring; 60 x 120 feet, two stories, upper storey devoted to offices.—It is stated that Mr. Bower will erect a building on corner of First avenue and Twenty-First street.

TORONTO JUNCTION, ONT.—J. C. Willard has bought the Simcoe block on East Dundas street, and will make important improvements.—Wm. Speers, undertaker, has purchased a lot on Dundas street west on which he will erect a three-storey building next spring.

PETERBORO, ONT.—A meeting of the City Council and manufacturers will be held this week to consider the question of improved fire protection.—The Dominion Government will build a new dam at Buckhorn and when this is completed the County will erect a bridge at that place.

RIVIERE OUELLE, QUE.—Tenders are requested by the Department of Public Works, Ottawa, up to Thursday, November 2, for the construction of addition to the wharf here. Plans on application to the Postmaster, at office of P. Beland, Post Office, Quebec, and at the above Department.

REGINA, N. W. T.—The British Columbia Sugar Refinery Co. intend erecting a large plant here.—The plans submitted for new city hall were found to be too expensive to execute and it has been decided to raise the appropriation to $11,000 and call for new plans at that figure.

LONDON, ONT.—D. H. Howden will erect a four-storey brick and stone warehouse on York street, in rear of G.T. R. depot.—A. McPherson will build a two-storey brick residence on Grosvenor street.—The congregation of the Wellington street Methodist church have decided to erect a Sunday school building.—The London Box Co. will build a factory on south side of Bathurst street adjoining the London Machine Tool Co.'s property.

VICTORIA, B.C.—Worthington Bros. have acquired a block of land in the James Bay district with the object of utilizing same for a site for a number of residences.— Work will be commenced immediately on paint and soap factories to be built at Schel's Point by W. J. Pendray.—Col. W. P. Anderson, Chief Engineer of the Department of Marine, Ottawa, has recently been on the west coast of the Island selecting sites for several proposed lighthouses.

MONCTON, N. B.—D. Pottinger, manager Intercolonial Railway, will receive tenders up to 17th inst. for construction of a $50,000 gallon water tank at each of the following places: Gibson, Upper Cross Creek, Boiestown, Blackville, Chatham Junction and Loggieville, on the division between Fredericton and Loggieville, and one at Drummondville, P. Q.—It is probable that steps will be taken to increase the waterworks pumping plant. A larger pump has been recommended.

FREDERICTON, N.B.—Instructions have been given for the building of a bridge, with stone substructure and covered superstructure, to replace the Mount Whatley bridge on border between New Brunswick and Nova Scotia. The Commissioner of Public Works has also ordered the preparation of plans for a bridge with permanent substructure and a swing draw span to replace the Palmer Pond bridge, in parish of Dorchester. Surveys are now being made for a bridge over the St. John river at Hawkshaw and plans are being prepared for a steel bridge at the Grave Yard in Albert County.

VANCOUVER, B.C.—Building permits were issued during the month of September to the value of $613,910.—The Red Cedar Lumber Co., whose saw mill was burned, have decided to rebuild. —J. J. Hill, president of the Great Northern Railway, states that the construction of the western section of the of the Victoria, Vancouver and Eastern railway will be started this winter.—C. E. Cartwright, division engineer for the C.P. R., requests tenders by Monday, 16th inst., for construction of an addition to the company's hotels at Glacier, B. C., and Lake Louise, near Laggan, Alberta.

KINGSTON, ONT.—Power & Son, architects, have taken tenders on improvements to a residence on Earl street for H. C. Nickle.—Wm. Newlands, architect, is asking for tenders by Friday, 13th inst., for erection of summer residence on Wolfe Island for Wm. C. McCausland; o Pittsburg.—Official notification has been received of the intention of the Dominion Government to build a new barracks here. —H. P. Smith, architect, is receiving tenders this week for building a waiting room, enlarging freight shed, etc., for James Swift & Co.—G. W. Gaden, of Toronto, has had plans prepared for a new hotel and is negotiating for the purchase of the site of the British American Hotel. He estimates the cost at $150,000.

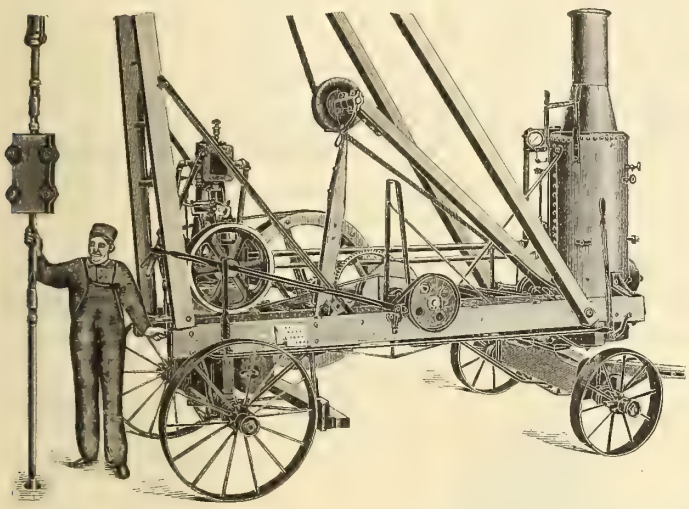
ST. CATHARINES, ONT. — The Avery Stamping Co., Cleveland, Ohio, may establish a branch factory here.—A. Mr. Ellis has submitted a proposition to locate a factory here for the manufacture of patent lunch boxes, dinner pails, etc., at an estimated cost of $75,000.—Permits have been granted for erection of the following buildings: Mrs. Elizabeth McNaught, two storey bk. veneer residence, King street, near Court, cost $1,200; Wm. Henderson, two-storey frame dwelling, corner Geneva and Ottawa streets, cost $1,200; John McClive, brick and shingle mansard dwelling, Ontario street, between King and Church, cost $2,000. —Architect Nicholson will prepare plans for improvements to the police station.

MONTREAL, QUE.—It is understood that the plans for the Credit Foncier building to be erected on St. James street have been approved by the head office in Paris.—A. F. Dunlop is the architect for the new Commercial and Technical High School to be built on Sherbrooke street by the Protestant Board of School Commissioners. The building will be 109x190 feet, of Montreal limestone and pressed brick, with sandstone dressings, and heated by the Paul system of low pressure steam.—L. O. David, City Clerk, desires tenders by noon on Thursday, 12th inst., for building of a public bath in Hochelaga Ward. Plans at office of Lacroix & Peche, architects, 5 Beaver Hall square; estimated cost, $9,300.—At a meeting of the directors of the Chimalapa Land Co., held here on Friday last, it was decided to build a large saw mill. Shearer, Brown & Wills are interested.

HAMILTON, ONT.—The Bain Carriage Co., of Buffalo, have secured options on property with a view to the erection of a factory here.—It is estimated that $50,000 will be required for the proposed consumptive sanitarium. C. S. Wilcox, H. P. Coburn, William Southam and Samuel Parker, M.P., have been named as provisional directors.—Thomas Crooks will erect a $50,000 building on the George Magill property on south-east corner of King and McNab streets, to be six stories, built of stone, brick and steel, with stores on the ground floor and offices and living apartments above.—Arthur O. Heir will build three brick houses on corner of

Drilling Machinery

For Heavy Rock Excavation Contracts



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It is built strong, rigid and compact and moves by its own power.

It is simple to operate, while the price is within the reach of the man who has but a small contract.

FULL INFORMATION ON APPLICATION

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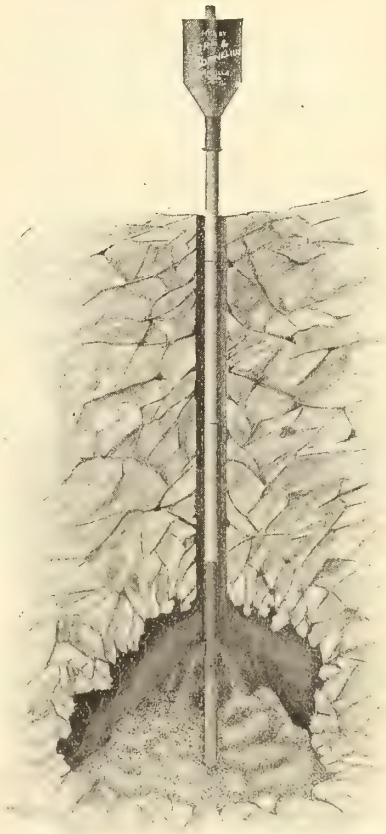
Puts the exploder at the right place.

Choked holes unknown

Saves 20% of powder used in loading.



W. H. C. MUSSEN & CO.

Railway, Mining and Contractors' Supplies

MONTREAL

Hunter and Wellington streets, at a cost of $6,000.—The London Machine Tool Co. have had plans prepared by Stewart & Witton, architects, for a factory to be built on Lottridge street, to cost $40,000. Main factory will be 180 feet square, with several minor buildings.—The following building permits were granted last week: L. Munro, English bungalo on Upper John street, of timber and stone; W. A. Noble & Co., four frame houses, Aberdeen ave., cost $3,400; S. Hoover, frame residence, Huron street, between Minto and Sanford ave., cost $1,300; W.A. Stevens, brick dwelling and stable, corner York and Dundurn streets; H. Beemer, brick cottage on Stanley ave., cost $1,500.

WINNIPEG, MAN.—It is the intention of the Department of Public Works to call for new tenders in the near future for improvements to the St. Andrew's rapids on the Red river.— It is probable that the high pressure waterworks system will be operated by gas power furnished by gas engines and a gas producer plant.—The C.P.R. have submitted to the City Council plans for a foot bridge which it is proposed to attach to the bridge across the Assiniboine river at St. James, estimated cost $3,000. —A numberof sewers are to be constructed, including the following: On Flora ave. from Andrews to McKenzie street, cost $2,492; Jarvis ave., from Andrews to McKenzie street, cost $2,365; Notre Dame ave., from Lipton to Dominion street, cost $5,731; from Athole ave., from Main to Scotia street, cost $3,740; Polson ave., from Main to Power street, cost $28,987; Fisher street and Park place, from Balfour street to Bartlett ave, cost $10,747.—Osler, Hammond & Nanton have purchased the property at the corner of Portage ave. and Main street and will erect thereon a modern office building.—The Fire, Water & Light Committee have decided to sink another well provided the cost should not exceed $50,000.—Work has just been commenced on a five-storey warehouse at corner of William ave. and Princess street for the E. B. Eddy Co., of Hull, Que. The basement and first storey will be built this year.

TORONTO, ONT.—C. J. Gibson, architect, is preparing plans for a residence to be built in Chestnut Park for R. E. Simpson.—G. W. Gouinlock, architect, will this week award the contract for a large stone residence on Walmer road for Edward Gurney.—It is understood that Miles Vokes intends building a residence on St. George street next spring.—W. R. Strickland, architect, is taking tenders on a frame house on concrete foundation on Balsam ave., Balmy Beach.—The sum of $855,000 has now been subscribed for the proposed general hospital. According to the plans in contemplation, the total cost will be upwards of $1,200,000.— Symons & Rae, architects, are this week taking tenders for the excavation work required for a synagogue on University ave. for the Goel Tzedec congregation. — The Christian Scientists are negotiating for the property on the south-east corner of Jarvis and Gerrard streets with the object of building a church thereon.— The congregation of St. Barnabas Episcopal church, Chester, have decided to build a new edifice or enlarge present structure. —The Senate of McMaster University have recommended to the Board of Governors that a new science building be erected.—The Exhibition Board have adopted the plans submitted by G. W. Gouinlock, architect, for Process and

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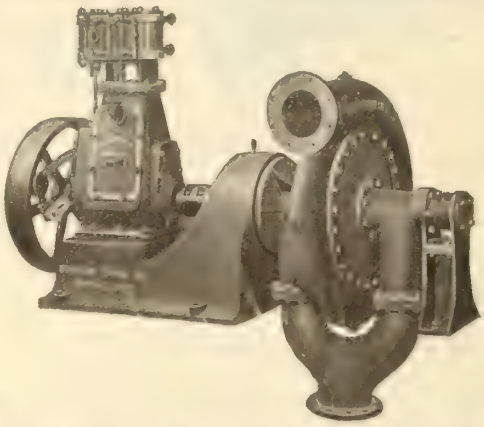

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Implement buildings to be erected on the Exhibition grounds.—Plans for a large breakwater to be constructed at Port Burwell, Ont., may be seen at the office of the Resident Engineer of the Dominion Government, Confederation Life Building, this city. Tenders close Friday, November 30th.—It is understood that E. J. Lennox, architect, is preparing plans for a handsome residence to be built on Well's Hill for Colonel H. M. Pellatt, to cost about $200,000,also a stable to cost $40,000.—Plans are being prepared for a new building to be built on Yonge street, opposite Albert, for the Bank of Toronto, four stories in height, of stone, cost about $120,000.—The club house about to be erected by the Island Amateur Athletic Association will likely be located on the south side of Long Pond and will cost about $8,000.— The Board of Control has voted $30,000 for the enlargement of the Jameson ave. Collegiate Institute.—Tenders are invited by the Board of Control up to Tuesday, 17th inst., for the construction of the following works: Groyne opposite Simcoe Park; asphalt pavement on Empress crescent, Jameson to Dowling ave.; Parliament street, King to Queen; Richmond streets, Victoria to Church; Macadam roadways on Ossington ave., Bloor to C. P. R. tracks; Davenport road, 636 feet west of Avenue road to Dupont street; Crocker ave., Bellwoods to east end; also a number of concrete sidewalks. — Building permits have been granted as follows: James Lochrie, two-storey and mansard brick and stone dwelling,corner Gladstone ave. and Cross st., $2,500; F. W. Cox, six one-storey roughcast cottages, north side Audley ave., $3,900; C. Parker, pair semi-detached, two-storey brick and stone dwellings, south side Roxborough street,near Yonge, $7,000; N. Manning, pair semi-detached, two-storey brick and stone dwellings,east side Markham street, near Herrick, $5,000; W. H. Banfield, two-storey brick workshop, 120 Adelaide street west, $3,000; S. B. Coon, 2½-storey stone and brick dwelling, north side Roxborough street, near Yonge, $3,500; A. Bennett, two-storey roughcast dwelling,Salem ave., $1,200; W. H. Ellis, three pair semi-detached, two-storey brick veneered dwellings, Campbell ave., $9,000; Fred S. Duff, pair semi-detached 2½-storey stone and brick dwellings, 207 and 209 Grace street, $5,000.

CONTRACTS AWARDED.

SARNIA, ONT.—Brick block for Dr. Merrison: John Forkin, contractor.

BEAR COVE, N. S.—Construction of breakwater: E. R. Reid, of Parrsboro, contractor.

ARMSTRONG'S POINT, N.B.—Construction of high water wharf: Henryand William Durost, contractors.

MERLIN, ONT. — Chick Bros., of Windsor, have secured a contract to construct a large reservoir here.

PORTAGE LA PRAIRIE, MAN.—Bricklayer's work for new hotel: Wm. Grace Co., Winnipeg, contractors.

INGERSOLL, ONT.— W. T. Mossop & Co., of London, have secured the contract for decorating the King street Methodist church here.

HESPELER, ONT.—John S. Fielding, C.E., Toronto, has let the contract for the concrete dam for the Forbes Woollen Mills Co. to Fraser & Eichle, of New Hamburg.

MONTREAL, QUE.—The contract for the car sheds of Montreal Street Railway Co. has been let to the Canadian White Co., Ltd. Marchand & Haskell are the architects.

WINNIPEG, MAN.—The City Council will purchase one hook and ladder, truck and equipment, from W. E. Seagrave, Walkerville, at $2,385, and one from the American LaFrance Fire Engine Co. at $2,227.

BROCKVILLE, ONT. — The James Smart Manufacturing Co., this place, have secured contracts for heating the R.C. church at Petrolia, Ont., St. Paul's Episcopal church, St. John, N.B., and a hospital building at Winnipeg.

KEEWATIN, ONT. — New bridge across Portage Bay: F. Gilbert, contractor.—The Public Works Department have awarded the contract for construction of new bridge here to Fred Gilbert, of Kenora; contract price, $5,000.

PETERBORO, ONT.—The remaining contracts for new opera house have been let as follows: Plumbing and steam fitting, C. A. J. Duranceau; seating

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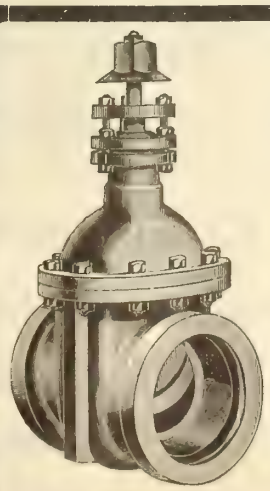
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OTTAWA, ONT. — The Dominion Bridge Co., Montreal, are the lowest tenderers for iron work for Fat Stock Show building, their figures being: Main building without an annex, $8,052; with monitor roof, $11,360; main building with annex, $11,407; with monitor roof, $16,-

WINNIPEG, MAN.—The contract for construction of road-bed complete for Grand Trunk Pacific Railway from Fort William to Lake Superior Junction, a distance of 210 miles, has been awarded to Foley Bros., Larson & Co., of this city. The figure is said to be above $4,000,000.

HAMILTON, ONT.—The contract for erection of new head office building for the Federal Life Assurance Co. has been awarded to the Canadian White Co., Ltd., Montreal. Finley & Spence, of Montreal, architects. The contractors agree to complete the building by August 1st, 1906.

FIRES.

Methodist church at Carman, Man., totally destroyed, loss $12,000.—General store of John Dobensky, Bancroft, Ont. Building was owned by James Smart.—Saw mills of the Tracadie Lumber Co. at Sheila, Gloucester County, N. B., totally destroyed, loss upwards of $100,000.—Warehouses and plant of the Fossil Flour Co. at Bass River Lake, Castlereigh, N.S.; loss $30,000.

NEW COMPANIES.

Canadian Oil Refining Company, Limited, Toronto, incorporated, capital $100,000. Directors, J. F. Hollis, T. H. Wilson, T. H. Hamilton, W. P. Bull and A. M. O'Brien.

Port Colborne Milling Company, Limited, Port Colborne, Ont., incorporated, capital $40,000. Directors, A. C. Mitchell, J. D. Kinnard, and others.

Robson Leather Company, Limited, Oshawa, Ont., incorporated, capital $100,000. Directors, C. N. Robson, F. W. Robson and Thomas Thorsby.

New Brunswick Coal Company, Limited, Minto, N. B., incorporated, capital $25,000. Incorporators, George McAvity, C. M. Skinner, A. P. Barnhill and A. I. Trueman, of St. John, and James Barnes, contractor, of Buctouche.

North Western Lumber Company, Limited, incorporated by the British Columbia Government, capital $10,000.

San Duan Mining & Manufacturing Company Limited, incorporated at Victoria, B. C., capital $1,000,000.

Canada Fence Company, Limited, London, Ont., incorporated, capital $40,000, to manufacture wire fences and wire goods. Directors, W. S. B. Barkwell and J. E. Sutton, of London, and Donald McLachlan, of Glencoe.

O'Connor Steamboat and Hotel Company, Limited, Temagami, Ont., incorporated, $150,000, to build and operate steam and sailing vessels, hotels, etc. Directors, Daniel O'Connor and M. A. O'Connor, of Temagami, and Robert McKay, of Toronto.

Oshawa Heat, Light and Power Company, Limited, Oshawa, Ont., incorporated, capital $100,000. Directors, Peter Ryan and R. J. Goudy, of Toronto, and L. E. Dancey, of Goderich.

Canada Creamery Company, Limited, Toronto, incorporated, capital $100,000. Directors, H. C. Sparling, William R. Pringle, of Toronto, and others.

General Brass Works, Limited, Toronto, incorporated, capital $40,000. Directors, M. J. Woodbridge, F. E. Maulson and W. J. Thacker.

Canadian Swensons, Limited, Lindsay, Ont., incorporated, capital $40,000, to manufacture machinery, tools, etc.

Clinton Knitting Company, Limited, Clinton, Ont., incorporated, capital $25,000. Directors, Samuel Owen, W. P. [illegible] and others.

Canadian Tap & Die Company, Limited, Galt, Ont., incorporated, capital $30,000, to manufacture taps, dies and

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Canadian Oil & Waste Saving Machine Company, Limited, Brockville, Ont., incorporated, capital $50,000, to manufacture machines for separating and reclaiming oil waste, etc. Directors, F. E. Clayes, W. S. Buell and J. H. Botsford.

Brakehurst Oil Company, Limited, Sarnia, Ont., incorporated, capital $100,000. Directors, George M. Crefts, J. W. Brake and J. H. Cooper.

Blanche River Mining Company ,Limited, New Liskeard, Ont., incorporated, capital $40.000. Directors, John Pearce, G. S. Royce and others.

Robertson Machinery Company, Limited, Welland. Ont., incorporated, capital $40,000, to manufacture machinery, engines, etc. Directors, Alexander Robertson, G. W. Sutherland and C. H. Hansom.

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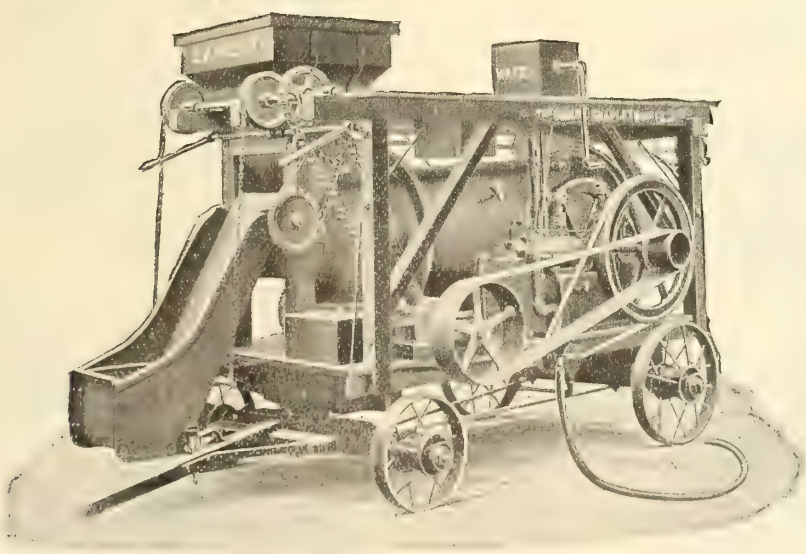

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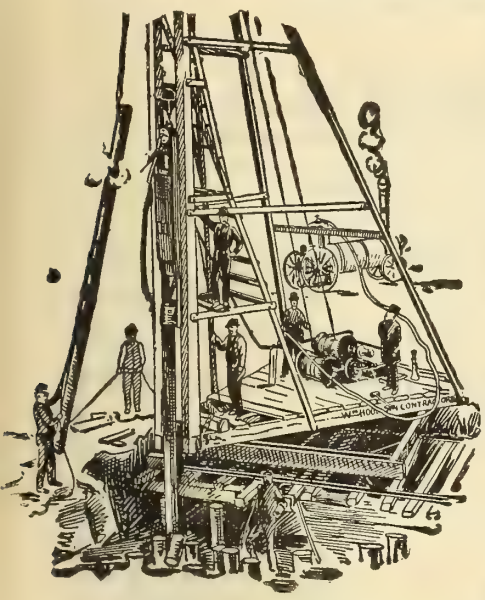

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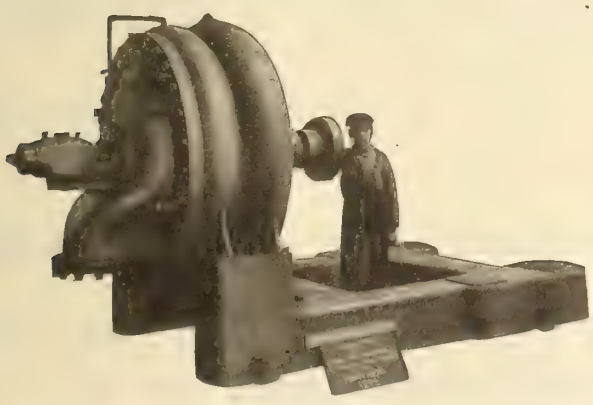

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BUILDING OPERATIONS IN MONTREAL.

Up to September 30th of this year, building permits have been issued in Montreal to the value of $3,963,636, which is a material increase over last year. For the whole twelve months of 1904 the building permits amounted to $3,047,629.

BUILDING ACTIVITY IN WINNIPEG.

It is believed that building operations in Winnipeg this year will represent an expenditure of $11,000,000. Permits have already been issued for buildings to cost $9,900,000.

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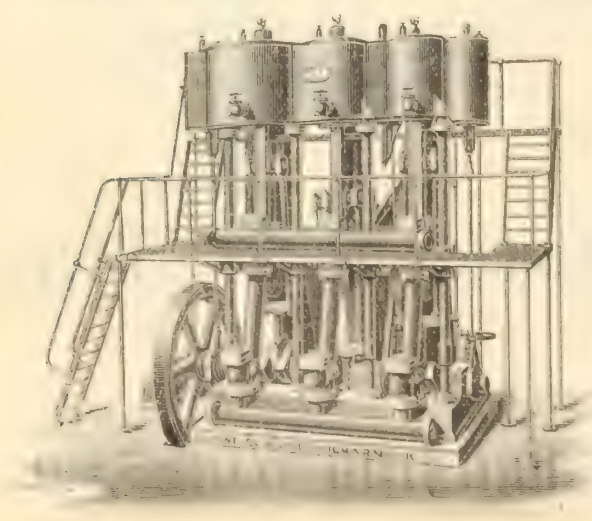

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BUSINESS NOTES.

Paquin & Collard, plumbers, Montreal, have dissolved.

O. Legare, contractor, Quebec, is announced to have assigned.

The assets of Joseph E. Gratten, plumber, St. Henri, Montreal, are to be sold on the 17th inst.

A meeting of the creditors of W. J. Dennis, painter, Toronto, is being held as we go to press.

A demand of assignment is reported to have been made upon H. Crochetiere, carpenter, Montreal.

E. Lesperance and P. E. Rouillier, plumbers, Montreal, have registered under the name of, Lesperance & Rouillier.

A. Hill & Co., of Mitchell, Ont., have this year received contracts for 52 steel bridges, ranging from 15 feet to 120 feet long.

Taylor, Boyle & Gariety, Edmonton, N. W. T., are taking tenders up to October 14th for purchase of the brick plant and machinery of the late Charles Sandison.

The Canadian Paint Co., Limited, have been authorized to carry on business in the Province of Manitoba. George J. Maulson, of Winnipeg, has been named as their attorney.

It is stated that a substantial offer has been made to the Cape Breton Silicate Brick Co., of North Sydney, N.S., for the purchase of their property. The plant was established about three years ago and represents an outlay of about $40,000, but owing to insufficient capital operations were discontinued.

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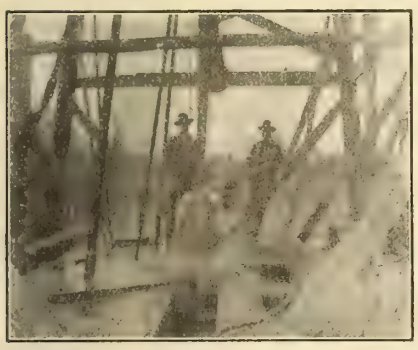

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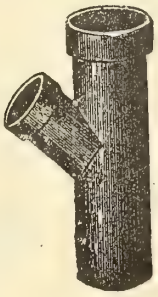

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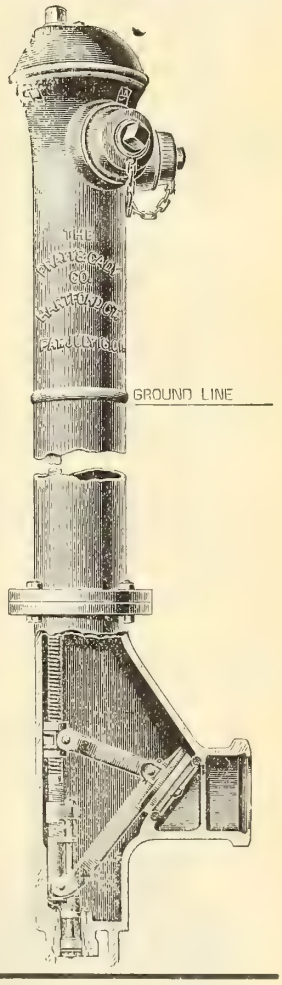

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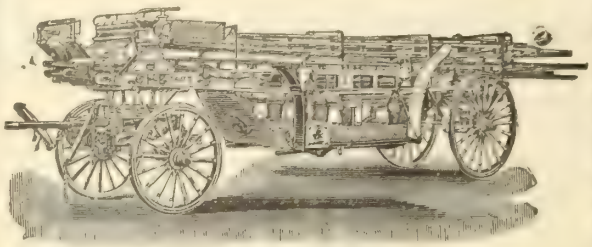

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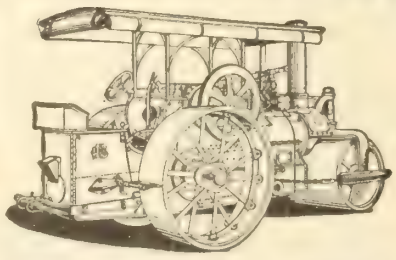

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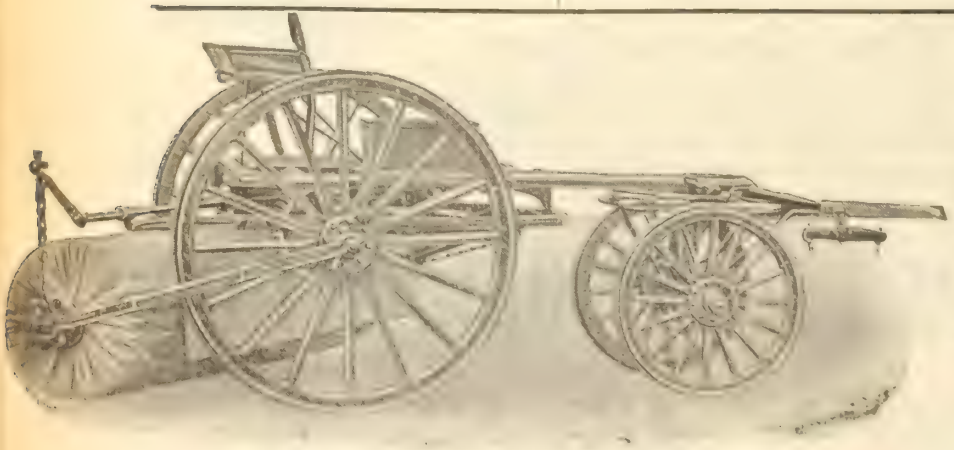

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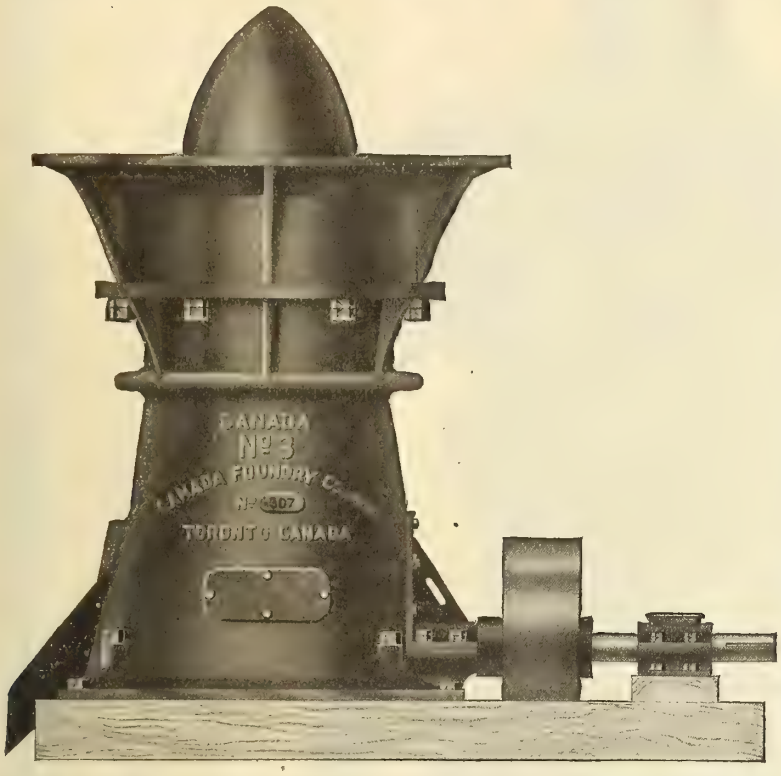

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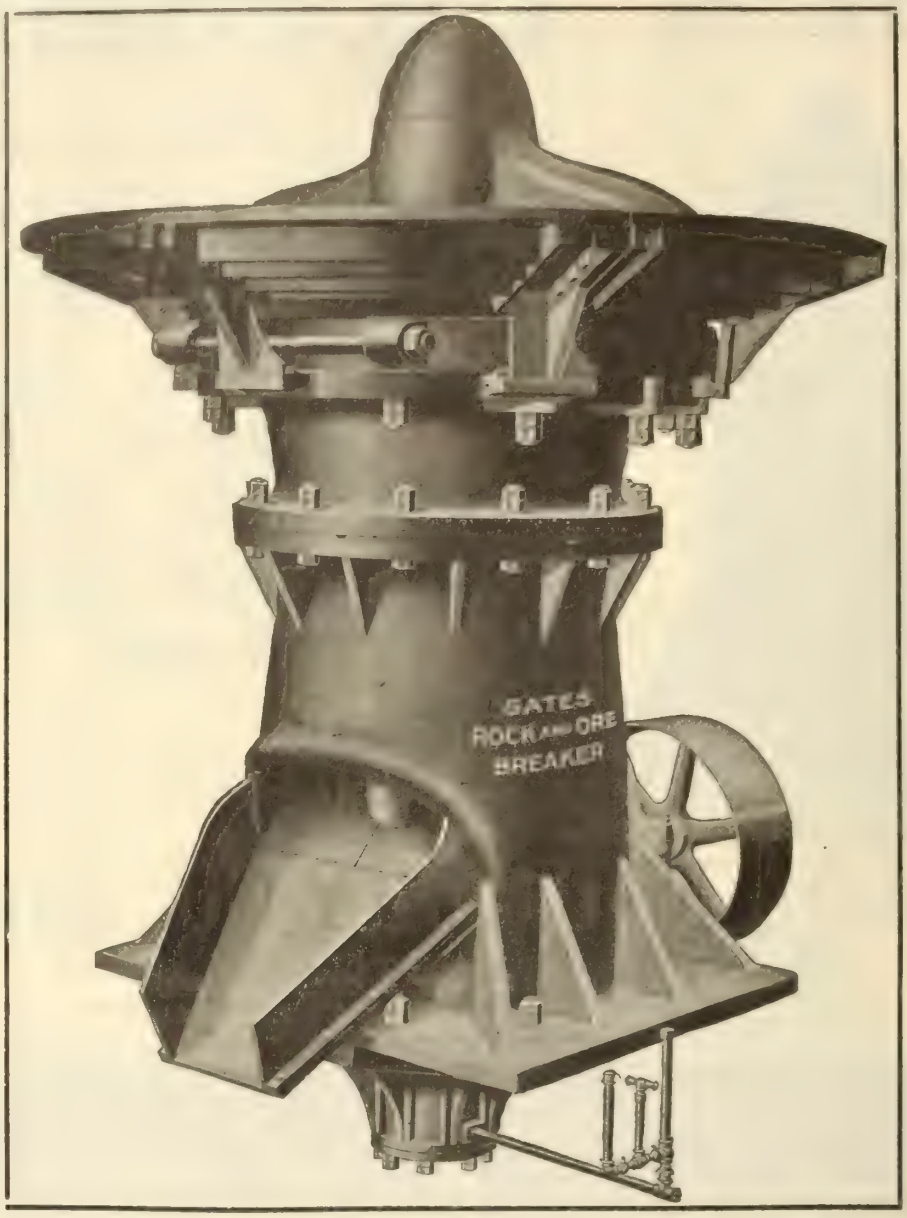

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VOL. 16. TORONTO, MONTREAL — OCTOBER 18, 1905 — WINNIPEG, VANCOUVER No. 33

THE CANADIAN CONTRACT RECORD
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CONTRACTS OPEN.

PARIS, ONT.—E. Axon purposes building a residence.

BEACHBURG, ONT.—The Orangemen will erect a new hall.

BRANDON, MAN. — The Presbyterians intend building a new church here.

DIGBY, N.S.—G. H. McCormick will build a bait freezer here, at estimated cost of $6,000.

FENWICK, ONT.—It is understood that the Union Bank intend building a new bank here next spring.

LIVERPOOL, N.S.—W. G. Yorston, C.E., of Sydney, has submitted a report on a water supply for this town.

ARNPRIOR, ONT. — Rev. Father Chaine has advised the Council of the intention to build a new church.

STRATHCONA, ALTA.—The Municipality will offer for sale $75,000 50-year 4½ per cent. waterworks debentures.

LEVIS, QUE.—The Freres Marists propose building a large central school between Eden and St. George streets.

RAINY RIVER, ONT.—The erection of a fire hall and construction of a waterworks system are under consideration.

ST. CATHARINES, ONT. — Ald. Hodgins will recommend in Council that a new fire hall be built in the east end.

STE. CUNEGONDE, QUE.—The City Council have granted Riel & Lecavalier permission to erect an abattoir.

WOODSTOCK, ONT.—The Grand Trunk Railway Co. will commence operations at once on the building of a subway.

PETEWAWA, ONT.—It is said that the Dominion Government will build a wharf above this place for military purposes.

PILOT MOUND, MAN.—The by-law to raise $14,000 for a new school was carried on the 13th inst.

EAST TORONTO, ONT.—A meeting of the Council was held on Saturday last to consider the plans for a new public school.

TORONTO JUNCTION, ONT.—D. McCauly will build a two-storey and attic brick dwelling at 84 Cooper ave., cost $3,250.

SUSSEX, N.B.—It is understood that the management of the People's Railway contemplate building a large steel bridge at this place.

STRATFORD, ONT.—The C.P.R. have filed plans for the proposed branch line from the Guelph and Goderich railway to this city.

PORTAGE LA PRAIRIE, MAN.—The Galacians intend building a new church here. Particulars from Rev. Father Potsheoski.

SYDNEY, N.S.—The Dominion Coal Co. will expend a considerable sum in introducing electricity instead of steam in their various mines.

GRAND FALLS, N. B.—A perliminary survey is now being made for a waterworks system for this place; estimated cost $30,000.

GALT, ONT.— The ratepayers on Saturday last defeated the by-law to raise $30,000 for the completion of the Collegiate Institute building.

HALIFAX, N. S.—The City Council have appointed a committee to report on the cost of electric lighting and of installing a municipal plant.

NORTH SYDNEY, N. S.—Dr. Carruthers has submitted an offer to the Provincial Workman's Association to build a hospital costing $10,000.

ST. THOMAS, ONT.—The building committee of the Church of Christ, Railway street, have decided to proceed with the erection of a new church building.

KINCARDINE, ONT.—Plans have been submitted to the Town Council for a system of sewerage for the town and tenders will likely be invited immediately.

LUMSDEN, N. W. T.—The ratepayers will vote on a by-law to raise $5,000 by debentures to purchase a chemical engine and to provide for sidewalk pavements

MOOSE JAW, N.W.T.—D. Smallwood will build a large residence on Fairford street.—A brick block will be built on River street by George Campbell.

SIDNEY, MAN.—E. K. Marshall will receive bids up to November 10th for purchase of $3,800 of debentures of Sidney School district No. 607, 20-year, 5 per cent.

ST. BONIFACE, MAN.—V. W. Horwood, architect, will likely award contracts this week for erection of a stone and brick fire hall and police station in Norwood.

REVELSTOKE, B.C.—Over $10,000 has been subscribed towards a new Y.M.C.A. building, work on which will be commenced next spring. The president is R. Howson.

MONTMORENCY, QUE.—Tenders for construction of waterworks and sewerage systems were received up to the 14th inst., and contracts will likely be awarded this week.

GUELPH, ONT.—Guelph Township Council will construct a new bridge to replace Caraher's bridge.—Mrs. B. Kleepfer will likely build a residence on Paisley street next year.

SANDWICH, ONT. — Williams Bros., architects, of Windsor, have submitted to the Town Council plans for a combination county and town building, estimated to cost $12,000.

MIMINEGASH, P. E. I. — The Dominion Government are asking for tenders up to Saturday, November 4th, for construction of a block at the outer end of the breakwater here.

KINGSTON, ONT.—Plans are being prepared by the Public Works Department, Ottawa, for the new barracks to be built here, but it is not likely that work will be commenced until next spring.

FORT WILLIAM, ONT.—Foley Bros. & Larson, contractors for the construction of the Lake Superior branch of the Grand Trunk Pacific Railway, will build a large warehouse in West Fort William.

ALMONTE, ONT. — Negotiations are under way between the Town Council and the C.P.R. regarding the construction of a subway.—David Camelon has purchased a lot on which to build a residence.

SOURIS, MAN.—The ratepayers will vote on by-laws on the 24th inst. to provide $5,000 for completing the fire hall and increasing the fire apparatus, and $13,000 for purchasing the manufactory and property of the Souris Gas Co.

CHATHAM, ONT.—The City Council have decided to purchase a new dynamo for the electric light plant.—Residents of Erieau have petitioned the Dominion Government to construct a new pier.

SYDNEY MINES, ONT. — The Methodists have purchased a lot on Clyde ave. on which to build a new church.—It is rumored that the Nova Scotia Steel & Coal Co. intend erecting another blast furnace here.

SARNIA, ONT. — The Canadian Machinery Co., of Point Edward, Ont., have made a proposition to the Council to establish a plant here. They ask for a free site, exemption from taxation, and a loan of $25,000.

WATERLOO, ONT.—Edward L. pert, of Colorado, has purchased a site on corner of King and Yonge streets for the purpose of building a three-storey block.—Chas. Mueller intends erecting new buildings for his cooperage business.

NEW LISKEARD, ONT.—D.S. Pindell, Sault Ste Marie, was last week granted a franchise by the Town Council for both electric light and waterworks systems, estimated to cost $132,000. The agreement will be submitted to the ratepayers in November.

ST. JOHN, N.B.—The purchase of the McLaughlin building, corner of King and Canterbury streets, has been confirmed. It is the intention to tear down the building and erect a modern bank building on the site, but this cannot be done until the present leases expire.

DARTMOUTH, N. S. — A public meeting will be held on October 24th for purpose of obtaining the consent of the ratepayers to issue $20,000 of debentures for a new water main and $30,000 for water and sewerage extension along Windmill road and Fairhanks street.

NIAGARA FALLS, ONT. — The Hospital Trustees last week considered the revised plans for a hospital building, which show a structure 64 × 36 feet, two stories, with basement and attic. The architect is E. D. Pitt.—Tenders will be invited for building a sewer on Victoria ave., from West ave. to Stamford street.

REGINA, N. W. T.—The Western Manufacturing Co. purpose extending their building and plant.—The cost of the proposed city hall was incorrectly given in the last issue of this paper. Plans were invited in the first instance for a building to cost $60,000. Architects are now requested to submit plans on the basis of a $100,000 building.

VANCOUVER, B.C.—J. E. Hall, of Winnipeg, has decided to build a large grain elevator in this city, at an approximate cost of $50,000. — A. McEvoy, City Clerk, will receive bids up to Nov. 24th for purchase of $500,000 4 per cent. debentures, as follows: $46,500 12 years; $25,000 15 years; $157,500 20 years; $17,500 30 years; $253,500 40 years.

LAPRAIRIE, QUE.—The Department of Public Works, Ottawa, desire oenders by Monday, 23rd inst., for contruction of a concrete protection wall tdposite this town. Plans at the above pepartment and at the office of J. L. Michaud, Merchants Bank Building, Montreal.

OTTAWA, ONT.—The Redemptorist Fathers have purchased a property adjoining St. Mary's church, Bayswater, and are having plans prepared for a stone building.—It is likely that considerable improvements will be made to the Dominion Methodist church.—It is announced that the Grand Trund Railway Company have decided to build a combined depot and hotel. Work will likely be commenced next spring.

EDMONTON, N.W.T.—Plans are being prepared for a three-storey hotel to be built on First street.—Work on the flour mill for the Red Deer Mill & Elevator Co. will be started immediately and will be followed by the construction of a 40,000 bushel elevator. M. McDonald is president of the company.—The Y.M.C.A. committee will get estimates on the cost of erecting a building containing offices, reading rooms, gymnasium and baths.—Tenders are to be called for laying water and sewer pipes on Second street.

ORILLIA, ONT.—The Town Council have decided to take steps towards the construction of a sewerage system. Plans for a complete system were prepared some time ago by C. H. Mitchell, C.E., of Niagara Falls, Ont., which called for an expenditure of $105,000, but it is believed that the cost can be reduced by restricting the area.—J. B. McRae, C.E., Ottawa, has been instructed by the Council to prepare plans for a new cement dam at Ragged Rapids.—A new heating system will likely be installed in the fire hall.

VICTORIA, B.C.—Bodwell & Lawson, solicitors, give notice of the incorporation of a company to construct a railway from some point near the mouth of the Copper river to the Telkwa river.—W. J. Dowler, City Clerk, will receive bids up to October 30th for purchase of 4 per cent. debentures amounting to $46,747, guaranteed by the municipality.—It is the intention of T. W. Patterson, M.P.P., to build a modern dwelling on Cadboro Bay road.—Plans are being prepared for a new ferry barge to be built by the C.P.R.

OWEN SOUND, ONT.—The Town Council will likely purchase a fire engine.—A scheme is being considered to form a jont stock company and build a modern theatre, to cost $20,000 and with seating capacity for 1,000.—Mr. McLinden, superintendent of the electric light plant, will report to Council on the proposed enlargement of the plant. It is probable that an auxiliary plant will be installed at the uptown station.—At the annual meeting of the Owen Sound and Meaford Railway Co., held here last week, James McLauchlan and A. G. MacKay were appointed a committee to secure profiles and surveys of the proposed line and take action to secure its early construction.

LONDON, ONT. — It is probable that a by-law will be submitted to the ratepayers in January to provide funds for the construction of a new water main. The cost of the main alone, exclusive of lands, is estimated at $100,000. — The Women's Christian Temperance Union, of which Mrs. D. A. McDermid is president, have decided to erect a building on Park ave., work to be commenced next spring.—The Board of Works have decided to postpone until next spring the construction of an asphalt pavement on Dundas street, from Lyle street to the Exhibition grounds.—A. O. Graydon, City Engineer, will receive tenders up to Thursday, 19th inst., for construction of a section of the London West breakwater.

FORT FRANCIS, ONT.—The report of John Galt, C.E., of Toronto, on waterworks and electric systems for this place, has been submitted to the Town Council. The estimated cost of a waterworks system is given as $31,000, which could be reduced to $22,000 by substituting wooden pipe for the outside main.—C. T. Eraut will build another residence on Third street.—John Aaser, of International Falls, has purchased a lot on Church street on which he will build a large boarding house.—On account of tender for new hospital for the Order of St. Benedict, Duluth, being too high, the plans have been modified and the building will be erected of frame instead of stone and brick.

HAMILTON, ONT.—Chas. Mills, architect, has prepared plans for a four-storey addition to the D. Moore Co.'s foundry — The following building permits have been granted: Chas. Lenz, residence on Hannah street, between Hughson and John streets, cost $6,000; L. E. Simpson, two cottages, Poulette street, cost $2,100; J. Cox, brick dwelling on Wentworth street, cost $1,300; James Bryers, brick dwelling on Minto ave., cost $1,400.—Geo. Cairns has bought a lot on Herkimer street on which he will build two residences costing $2,000 each.—A local architect is said to be preparing plans for a new vaudeville theatre to be built in this city.

MONTREAL, QUE. — L. O. David, City Clerk, wants tenders by Thursday, 19th inst., for construction of a 4 × 6 brick sewer on St. Catherine street from Delorimer ave. to Papineau ave.—The Canadian Pacific Railway Co. will erect five buildings near the Angus shops, to include two restaurants, a paint shop, a storehouse and chalery.—The Lake of the Woods Milling Co. will rebuild their extensive warehouse at Mile End, of concrete, steel and brick.—The Dominion Oilcloth Co. will erect a stone and brick factory on Parthenais street, cost $10,000.—Mackenzie & Mann will shortly award the contract for extension of their railway from Garneau Junction to Quebec a distance of 100 miles.—Plans of concrete protection wall to be constructed at Laprairie, Que., may be seen at the office of L. J. Michaud, Merchants Bank Building, this city. Tenders close 23rd isnt.—The City Council have appointed W.H. Pearson, of the Consumers' Gas Company, Toronto, F. Giroux, a French engineer, and E. Belanger, to report on the advisability of establishing a city gas plant.

WINNIPEG, MAN.—The Board of Education have decided to erect two new schools, one to cost $5,000 and to be built in connection with the Children's Home, and the other to be erected near the C. P. R. shops.—It is expected that the deal will be closed within a few days for the purchase of property for the terminals of the Great Northern and Northern Pacific railways. The terminal site is to be located on the north-west corner of Ross Ave. an Elm Street.—The Provincial Government are this week taking tenders for the erection of a cattle and horse stable at the Agricultural College.—The Architectural & Engineering Co. have taken tenders on an addition to Maryland street church.—I. A. Silverthorn, of the Western Realty Co., have sold a large area to an American firm who purpose building a $60,000 factory in this city.—The Winnipeg Electric Street Railway Co. will probably acquire the Winnipeg, Selkirk and Lake Winnipeg railway, in which case modern equipment will be installed.

BRANTFORD, ONT.—Mr. Bennett, of London, was here recently looking over suitable sites for a new theatre building.—The Brantford Electric & Operating Co. have entered into a new agreement with the city for electric lighting. They will install new apparatus and new arc lamps.—It is probable that the City Council will submit a by-law to the ratepayers authorizing the construction of a drainage system in accordance with the report of Willis Chipman, C.E., Toronto. Only a portion of the work is likely to be undertaken next year.—E. L. Cockshutt has purchased a piece of property which he intends converting into a citizens' bowling green. He will build a club house thereon.—Mr. Moffatt purposes building a new livery and sales stable.—The Collegiate Institute Board will engage an expert to examine the institute building. If the report condemns the building, a by-law will be submitted to the ratepayers to raise money to build a new school, but if not unfavorable an addition will be built to the present structure.—The Wesley Church congregation will next spring build a large addition to their edifice.

TORONTO, ONT.—W. H. Hutchinson has purchased a site on Van Horne street on which to build a factory.—Tenders are wanted at 235 Deleware ave. for the erection of a brick stable.—It is understood that the Canada Foundry Co. will build a large foundry for the manufacture of cast-iron pipes.—The Harcourt Publishing Co. have purchased property at corner of Wellington and Windsor streets and purpose building thereon a

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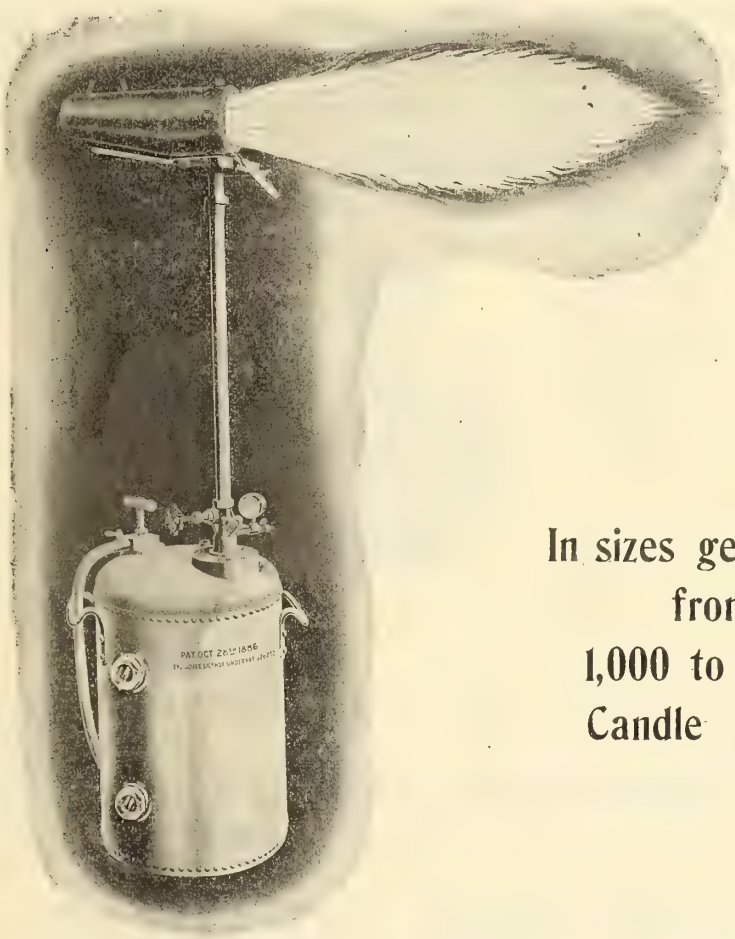

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number of workmen's houses.—The Toronto Ferry Co. have decided to build two new ferry boats, at an estimated cost of $100,000.—The board of management of the Home for the Aged have called attention to the necessity of the erection of a new wing to the building.—Senator Cox is reported to have purchased the Janes block at north-east corner of King and Yonge streets, the intention being, it is said, to erect a fine office building on the site.—The property committee of the Board of Education have decided to enlarge Dewson street school by four class rooms and one large kindergarten room, and the Essex street school by addition of eight class rooms.—The Police Commissioners have asked for the erection of a new police station in the east end.—The promoters of the proposed new hotel on Ward's Island have signed the agreement, which stipulates that $20,000 must be extended by January next and the building completed by October. The estimated cost is $500,000. The provisional directors of the company are Judge Morgan, J. R. Roaf, John A. Sinclair and Thomas E. Aikenhead.—In regard to the removal of the butchers' stalls from the south to the north end of St. Lawrence market, the City Architect has reported that it would cost $7,500. — Building permits have been granted as follows: W. D. Wilson, pair two story and attic stone and brick dwellings, corner Bernard and Kendall avenues, cost $6,000; M. Healy, Smiths Falls, stone and brick dwelling, corner Harbord and St. George streets, cost $4,500; F. Terry, two story stone and brick dwelling, 583 Bathurst street, cost $2,600 (H. G. Paul, architect); A. J. Thompson, pair two story and attic brick and stone dwellings, Balmoral ave., cost $4,900; A. F. Dodge, pair two story roughcast dwellings, brick fronts, St. Clarens ave., near Wallace, cost $3,000; Macpherson Trustees, two story and attic brick dwelling, Roxborough street east, cost $5,500; Nellie J. Atkinson, two story brick and stone store and dwelling, 100 Sorauren ave., cost $3,000; Dr. Roberts, two story and attic brick dwelling, Clarendon ave., near Avenue road, cost $4,000 (Burke & Horwood, architects); Henry Disston & Sons, brick factory, 85-91 Lombard street; The Arlington Co., one story brick factory, Fraser ave., near Liberty street, cost $15,000; University of Toronto, two story brick and stone Convocation hall, Queens Park, near St. George street, cost $160,000 (Darling & Pearson, architects); Trustees Dovercourt Presbyterian church, new church, corner Dovercourt road and Hepburn street, cost $20,000; Dominion Government, branch post office, corner Yonge and Charles streets, cost $90,000; Standard Bank, alterations to building, corner Wellington and Jordan streets, cost $20,000.—The Colonial Investment & Loan Company, which some time ago purchased the Marshall block extending from 47 to 51 King street west, will immediately commence the work of converting it into a modern office building. They will build for A. Clubb & Sons a store 17 ft. wide by 80 ft. deep, while the upper part of the building will be fitted up as offices.—The City Engineer has recommended the construction of the following pavements and roadways: Dupont street, from Kendall to Bathurst, asphalt, $11,470; Dupont street, from Walmer road to Kendall ave., asphalt, $2,790; Millstone lane, from York street to east end, block, $2,788; Bartlett ave., from Bloor to north city limit, tar macadam, $19,995; Farnham ave., from Avenue road to east city limit, bitulithic, $4,173; Park road, from Bloor street to

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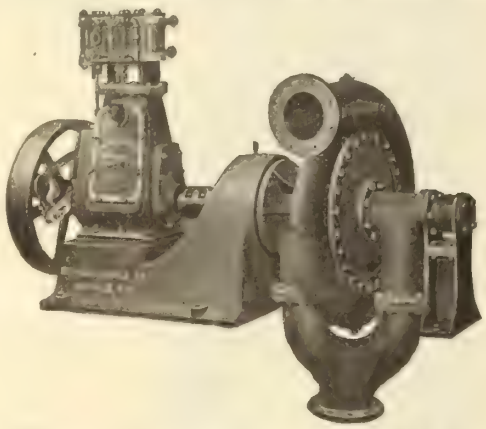

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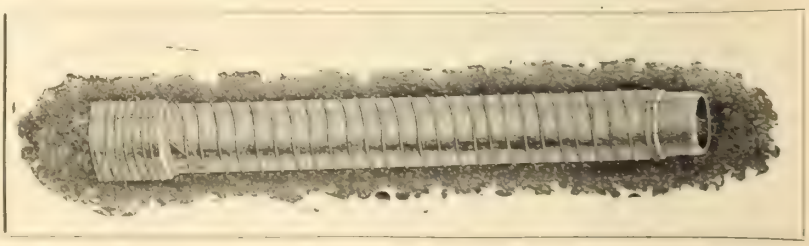

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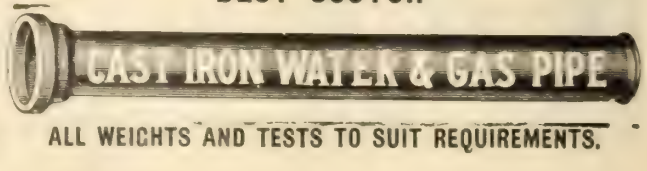

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CONTRACTS AWARDED.

ORILLIA, ONT.—Supply of meters for town: Canadian General Electric Co., successful tenderers.

VANCOUVER, B. C.—The contract has been let for the new athletic building on Dunsmuir street, estimated to cost $12,000.

COBOURG, ONT.—The contract for laying 80,000 feet of granolithic walk has been let by the Town Council to Frank Dolan, of Belleville.

MATTAWA, ONT. — The Ontario Government have awarded the contract for a steel bridge here to the Hamilton Bridge Co., at $8,900.

STE. ANNE DE BEAUPRE, QUE.—Contracts have been awarded for the erection of a new monastery for the Order of Redemptoristine Sisters.

DUNDAS, ONT. — The contract for heating the Baptist church has been awarded to the James Smart Manufacturing Company, Brockville, Ont.

WATERLOO, ONT. — The Wm. R. Dunn Co., Toronto, have been awarded the contract for the interior metal fittings in large two-story vault for the Mutual Life Assurance Co.

MONTREAL, QUE.—Ross & McRae, railway contractors, have been awarded the contract for the construction of the St. Maurice Valley railway from Three Rivers to Shawinigan Falls.

ST. JOHN, N. B. — The tender of D. C. Clark & Son has been accepted by the City Council for construction of wharf, price $145,337. Other tenderers: G. S. Mayes, $149,000; J. S. Armstrong, $115,000.

WINNIPEG, MAN. — The Board of Education have accepted the tender of Wood, Gundy & Co., Toronto, for purchase of $100,000 4 per cent. 30 year school bonds, at $99,330 and accrued interest.

ST. MARY'S, ONT.—The contract for enlargement of electric light plant, including new generator, transformers, arc lamps, etc., has been awarded to the Canadian Westinghouse Co. K.L. Aitken, Toronto, consulting engineer.

OTTAWA, ONT. — The Lansdowne Park Improvement Committee have accepted the tender of the Locomotive and Machine Co., of Montreal, for steel work of new Fat Stock Show buildings, price $16,147. W. E. H. Noftke has been appointed architect.

BRACEBRIDGE, ONT.—For purchase of $6,500 corporation debentures bids were received as follows: Dominion Securities Corporation, $6,502 (accepted); W. C. Brent, $6,439; Canadian Securities Co., $6,456; G. A. Stimson & Co., $6,301; Ontario Securities Corporation, $6,295; Wood, Gundy & Co., $6,455.—The Hamilton Bridge Co. have been awarded the contract for erection of two bridges over the Muskoka river. One will be built at this place and will cost $14,000, the other over the locks on the river at the outlet of the Lake-of-Bays, cost $31,000.

BIDS.

GODERICH, ONT. — The following were received for purchase of $6,000 4 1-2 per cent. debentures: Canadian Order of Woodmen of the World, $6,118.35 and interest; Ontario Securities Co., Toronto, $6,035 and accrued interest; W. C. Brent, Toronto, $6,053 and accrued interest; G. A. Stimson & Co., Toronto, $6,271, without interest; H. O'Hara & Co., Toronto, $6,060 and interest; Dominion Securities Corporation, Toronto, $6,100 and accrued interest; Canadian Securities, Ltd., Toronto, $6,015 and accrued interest; Aemilius Jarvis & Co., Toronto, $6,071.50 and interest; Wood, Gundy & Co., Toronto, $6,061 and interest. The debentures will be awarded to the highest bidder.

NIAGARA FALLS, ONT. — Tenders for sewer construction were received as follows: Peter Lorenzo, $13,871.62 for section 18, $3,000 for section 19, and $3.50 for extra rock excavating; Langley & Cook, $3,890 for section 18, $2,780 for section 19, and $3.50 for rock; Fraser & Ward, $3,950 for section 18, $2,725 for section 19, and $3.40 for rock. The following tenders were received by the Water Commissioners for supply of auxiliary waterworks pump and motor: John Farmer, Montreal, agent for Mather & Platt, Manchester, England, $6,745, here, duty paid; I. P. Morris & Co., Philadelphia, same, $8,500; R. D. Wood & Co., Philadelphia, placed on foundation, $10,587; Buffalo Forge Company, $7,265, f.o.b. here; Allis Chalmers Bullock, $7,250, f.o.b. Montreal. No action will be taken at present, and the cheques will be returned to tenderers.

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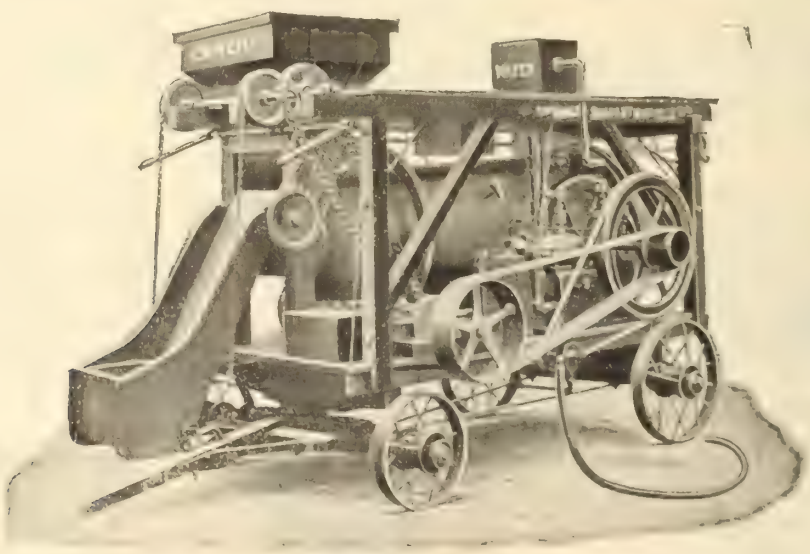

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"Josson"	2 60	2 70	2 20	2 30
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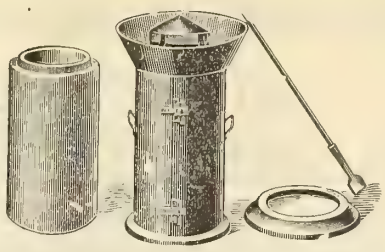
Offenbacher				2 35
Alsen	2 65	2 95		2 4[illegible]
Dyckerhoff	2 65	2 75		2 40
Hercules	2 25	2 35		2 7[illegible]



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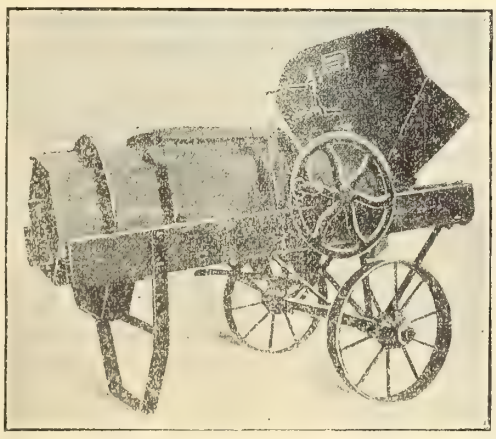

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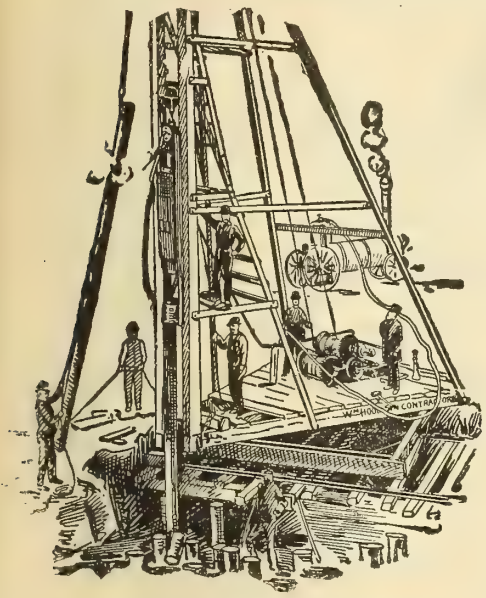

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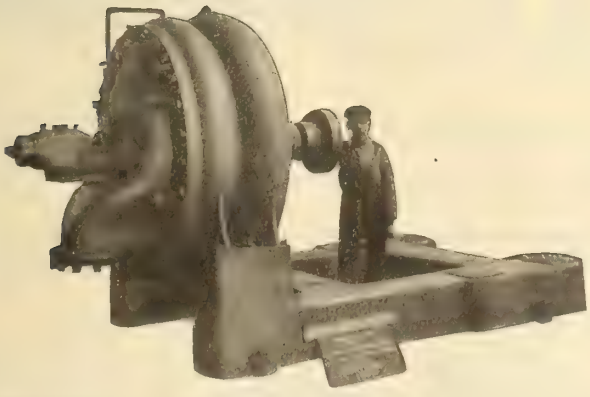

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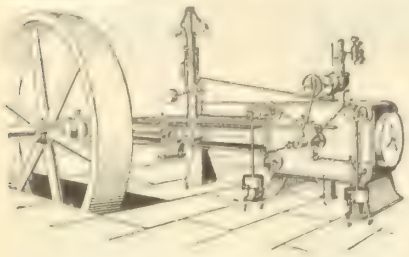

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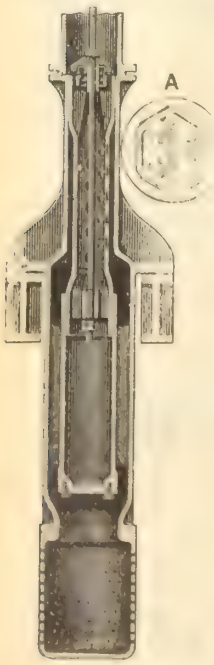

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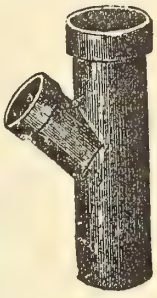

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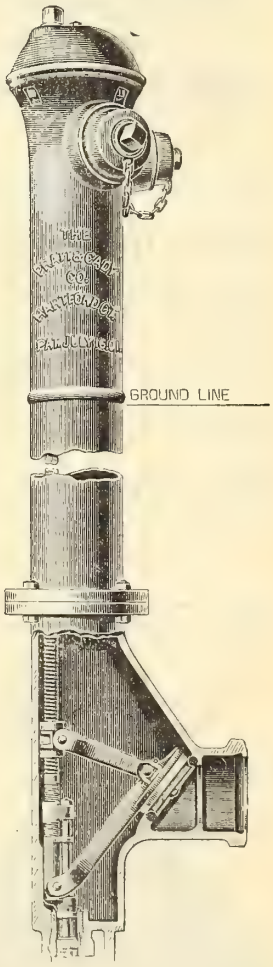

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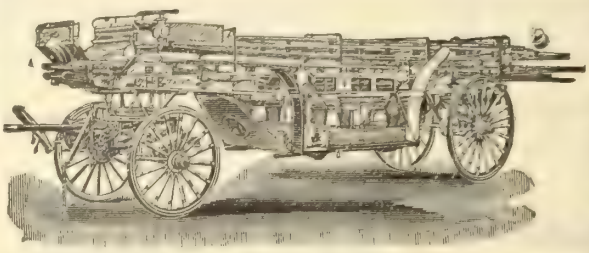

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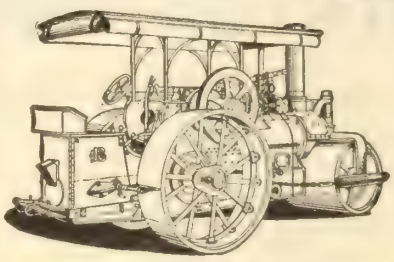

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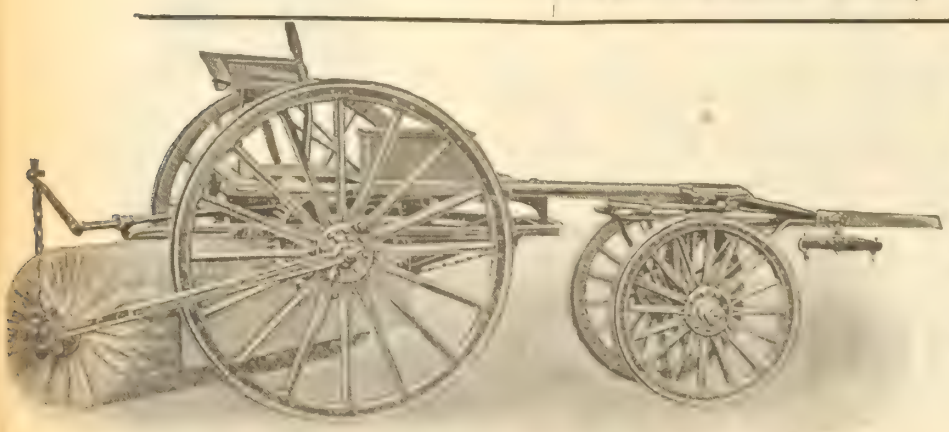

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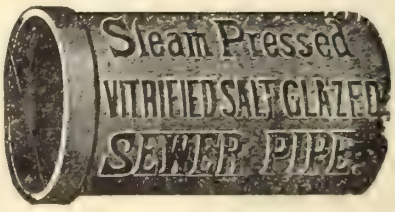

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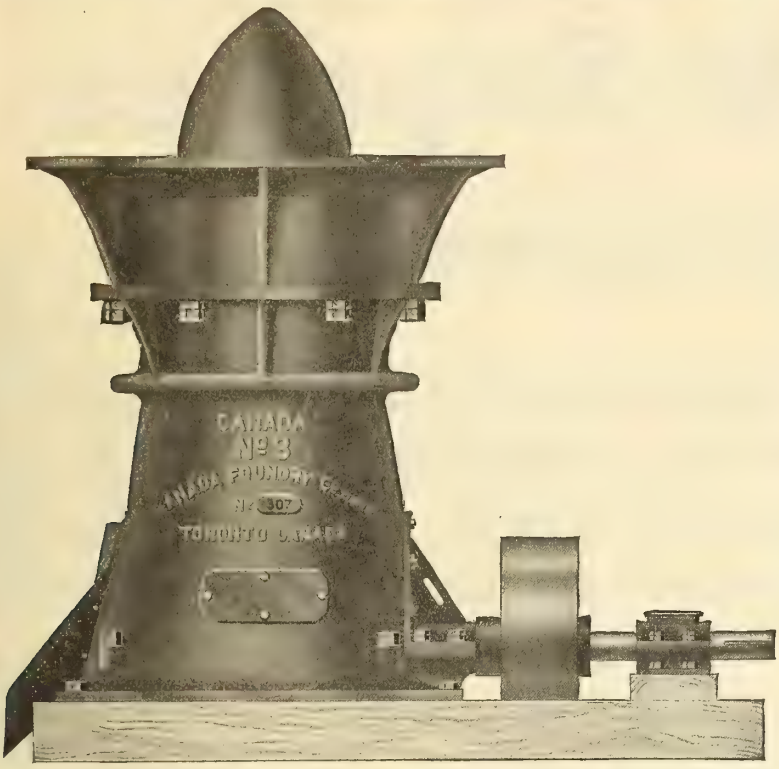

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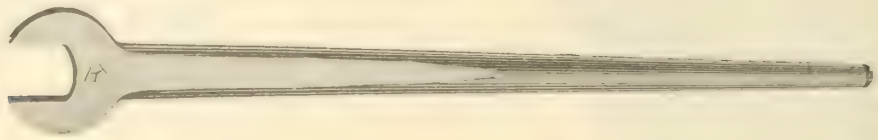

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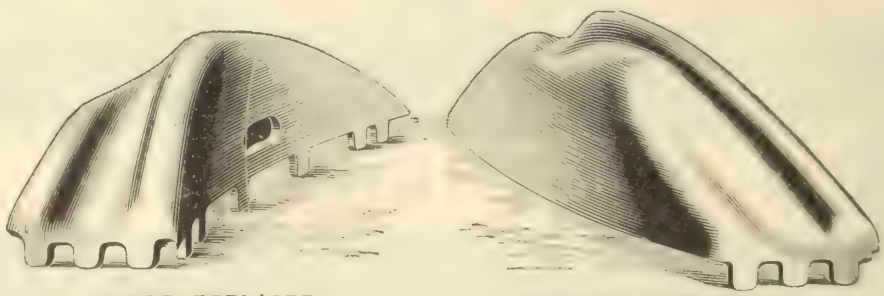

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CANADIAN

Contract Record

A Weekly Journal of Public Works, Tenders, Advance Information and Municipal Progress

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VOL. 16. TORONTO, MONTREAL — OCTOBER 25, 1905 — WINNIPEG, VANCOUVER No. 34

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PUBLISHED EVERY WEDNESDAY
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TENDERS

Tenders will be received by the Town Clerk, Town of Perth, Ont., until 6 o'clock p.m., MONDAY, OCTOBER 30TH, 1905, for

The Furnishing and Installing of a Plumbing and Heating System

In the Town Hall, Perth, Ont. For further information apply to undersigned.
The lowest or any tender not necessarily accepted.

C. J. FOY, Mayor. JOHN A. KERR, Town Clerk.

CONTRACTS OPEN.

WEYBURN, N.W.T.—J. Adamson purposes building a residence.

GILBERT PLAINS, MAN.—J. H. Shunk purposes building a store.

BURFORD, ONT.—A residence will be built on Maple avenue by R. Gray.

TEESWATER, ONT.—The C.P.R. intend building a new roundhouse here.

FOREST, ONT.—W. McDonald is preparing to build a new implement house.

STURGEON FALLS, ONT.— The Town Council are considering the erection of a town hall.

LOUISBURG, N.S.—Clarence Peters has commenced the erection of a residence on Warren street.

ST. LOUIS, SASK.—E. W. Skirrow will receive tenders up to 28th inst. for erection of school house.

KENORA, ONT. — The by-law to raise $30,000 for waterworks extensions was carried here last week.

STRATHCONA, N. W. T.—It is said that J. H. Macdonald will erect a large building on Whyte avenue.

SHARBOT LAKE, ONT.— The C. P. R. intend building a line from Wanhoe to Moberly.

LADYSMITH, B. C.—The ratepayers voted down the proposition for the installation of an electric plant.

WETASKIWIN, N. W. T.—It is reported that the C.P.R. will build a new station here costing $25,000.

SALEM, MAN.—The ratepayers have decided to build a cement school 24 × 36 feet. Particulars from A. Walker.

REVELSTOKE, B. C.—The building committe of the Y. M. C. A. have decided to erect part of the building this fall.

PAISLEY, ONT.—A company has been formed to build a curling and skating rink. W. R. Barnett is secretary.

BATTLEFORD, N.W.T.—The Independent Order of Foresters have purchased a site on which to build their new hall.

KIPPEN, ONT.—Alex. MacBeath intends building a saw mill on a timber limit recently acquired near North Bay, Ont.

SWAN LAKE, MAN. — The municipality of Lorne is raising $6,000 by debentures for purpase of building a flour mill.

DESERONTO, ONT.—Dr. Oronhyatekha has submitted a proposition to the Town Council to establish a canning factory here.

ST. MARY'S, N. B.—T. E. Babbitt & Sons, who have just built a saw mill, contemplate erecting a sash and door factory also.

PICTON, ONT.—A company is being formed to procure a water supply by the construction of a pipe line to the Lake on the Mountain.

BRANDON, MAN. — The City Engineer has been instructed to prepare plans and estimates for asphalt or macadam on Rosser ave.

TWEED, ONT.—A deputation from the County Council last week inspected the site here on which the proposed House of Refuge may be built.

PRESTONVALE, ONT. — William McFarlane is asking for tenders up to November 1st for erection of brick school house in S. S. No. 16, Drummond.

PORT COLBORNE, ONT. — John Roach is having plans prepared for a $5,000 residence to be built on corner of South Kent and Catherine streets.

NORTH TORONTO, ONT. — A meeting of the Council will be held at an early date to consider the advisability of installing a new electric light plant.

BARRIE, ONT.—A by-law granting a loan to the Spencer Industrials Company, Limited, was carried here on Monday last. Building operations will be commenced forthwith.

WESTMOUNT, QUE.—The Montreal Water & Power Company have made an offer to the Council to install a new steel intake pipe, at a cost of $125,000.

ST. JOHN, N.B.—The trustees of the Y.M.C.A. hope to complete the building fund this winter so that the new building may be commenced next spring.

GALT, ONT.—A by-law to loan $12,000 to the Jackson Wagon Company, of St. George, to erect a manufactory here, will be submitted to the ratepayers November 9th.

CANORA, SASK.—Fred Bradshaw is asking for tenders for erection of a new school and for purchase of $4,000 6 per cent. 15 year debentures of School District 1152.

QUEBEC, QUE.—Trudel & Cie are just beginning a block of ten houses, to be completed next spring.—M. Cauchom & Frere intend building a block of five houses next spring.

HALIFAX, N.S.—A report is now being prepared on the water supply system, and it is probable that the City Engineer will recommend a gravitation system from Pock Wock.

GRAVENHURST, ONT.—Burke & Horwood, architects, Toronto, have prepared plans for a seven-room cottage to be built at the sanitarium here by Thomas McCormick, of London.

BIRTLE, MAN.—The Town Council have requested the Provincial Government to appoint an engineer to report on the suitability of the river here for the development of electric power.

ARNPRIOR, ONT. —Charles Dulmage intends building a brick residence on corner of John and Victoria streets.—The new church to be built by the Roman Catholics will cost $50,000.

REGINA, N.W.T.—W.W. Lachance, architect, has just taken tenders on erection of a residence.—It is probable that the proposed Methodist church will be built on a site facing the park.

FORT WILLIAM, ONT.—J.Y.Griffin & Company, pork packers, Winnipeg, are considering the establishment of a branch slaughter house here.—St. Luke's parish will build a new church, the Bishop of Algoma having subscribed $2,000.

CHATHAM, ONT. —The Wallaceburg, Chatham and Lake Erie Railway Company are behind a project which has as its object the heating of stores and houses throughout the city with steam from the railway's power house.

CHARLOTTETOWN, P. E. I. — L. B. McMillan, Secretary of Public Works, will receive tenders up to Tuesday, November 14th, for rebuilding the Naufrage bridge in Kings county. Plans at the office of John O'Hanly, Monticello, and at the Department of Public Works this city.

PERTH, ONT.—John A. Kerr, Town Clerk, will receive tenders up to Monday, October [illegible], for installing a plumbing and heating system in the town hall.—James Bros. will build an addition to their foundry on Herriot street next spring.

NORTH SYDNEY, N.S.—It is stated that the Nova Scotia Steel and Coal Company have made an offer to the Dominion Government for the site of the I.C.R. terminus on the water front here, the property being required for the extension of their ore piers.

VICTORIA, B. C.—It is understood that the T. Eaton Company, of Toronto, have secured options on property here with the intention of erecting a departmental store.—The Board of Trade have decided to petition the Dominion Government to bridge the Seymour Narrows.

WELLAND, ONT.—The Plymouth Cordage Company, of Boston, who have commenced the foundations for a factory which will cost about $500,000, intend building about 200 residences.—Tenders are invited by F. H. Dickie up to November 15th for lighting the streets of the town by electricity.

ST. ANDREWS, N.B.—Senator Mackay has commenced the erection of an extensive summer residence here. The contract for the stone work has been let to Charles Horsnell, but the carpenter work and other trades have not yet been awarded.

ST. JOHNS, QUE. — F. Gelinas, Secretary of Department of Public Works, Ottawa, will receive tenders up to Friday, November 10th, for erection of a post office building here. Plans at office of J. A. E. Benoit, architect, this place, and at above department.

ARCOLA, N.W.T.—J. L. McLeod will next summer erect a three-storey brick block.—The Merchants Bank have acquired property on Main street and intend erecting a fine brick building next spring, at approximate cost of $13,000. Contracts will be let this fall.

CALGARY, N. W. T.—The Alberta Portland Cement Company are about to commence the erection of their cement works.—A committee has been appointed to select a suitable site for a new city hall, estimated to cost $100,000.—A new police station will probably be built, at a cost of $8,000.

PORTAGE LA PRAIRIE, MAN.—The Town Coucil have decided to work in conjunction with the Grand Trunk Pacific Railway in building a passenger and traffic bridge over the Assiniboine river.—Sidney Jones has completed the preliminary survey for the Midland Railway as far south as Elm creek and tenders for the work will be called for at once.

NIAGARA FALLS, ONT.—E.D. Pitt, architect, has been instructed to obtain tenders by November 1st. for erection of a General Hospital. — The Board of managers of St. Andrew's Presbyterian church have deferred the acceptance of tenders for new Sunday school building until the additional money required can be arranged for.

OTTAWA, ONT.—Surveyors for the C.P.R. are locating a line of railway from a point on the Prescott branch, near the Experimental Farm, through Ottawa to connect with the new terminals at Laurier Bridge.—It is understood that the Minister of Public Works is considering the construction of a series of dams to regulate the water flow of the Upper Ottawa river.

FREDERICTON, N.B.—C. H. LaBillois, Commissioner of Public Works, is asking for tenders up to Monday, November 6th, for rebuilding Henry Bourke's bridge over the Bay Du Vin river in Northumberland county and Gallagher's bridge on Glenlevit road in Restigouche county.—J. W. McCready, City Clerk, desires tenders by Monday, 30th inst., for purchase of a stone crusher and engine.

ST. CATHARINES, ONT. — The Buffalo, Niagara and Toronto Railway Company is applying for incorporation, to construct an electric railway from Niagara-on-the-Lake to St. Catharines and Port Colborne.—The contract will be let this week for laying about 2,400 feet of six inch cast iron water-main.—A movement is on foot to build a large rink here. M. J. McCarron is interested.

PORT ARTHUR, ONT. — George Mooring is having plans prepared for a three-storey brick and stone block to be built next spring at corner of Cumberland and Lincoln streets, cost about $12,000. —By-laws were carried here last week providing for the following expenditures: $112,000 for an extension of the waterworks system; $111,000 for sewerage work; $10,000 for new fire hall, and $18,000 for extension of municipal telephone system and central station.

FERNIE, B. C.—The Elk Lumber and Manufacturing Company have practically decided to rebuild their saw mill on the old site. It will have a concrete foundation and corrugated iron sheeting. — It is understood that the Dominion Government will build a new post office next spring.—A by-law will be submitted to the ratepayers on October 30th to raise $40,000 by debentures for the installation of a sewerage system.

PETERBORO, ONT.—The Canadian General Electric Company last week completed the purchase of land required for the extension of their factory, work on which will be commenced next spring. —It is learned that the Dickson Company are considering the erection of a planing mill adjoining their sawmill—The Peterboro Sandstone Brick Company have secured sufficient capital to enable them to proceed with the erection of their plant. Andrew Brown and J. J. Hartley are interested.

SARNIA, ONT. — It is understood that a match factory will be built in connection with the saw mill of the Cleveland-Sarnia Sawmill's Company.—The Goodison Thresher Company will commence work this week on their new building.—The Empire Salt Works intend doubling their output.—M. R. Burrowes, architect, requests tenders by noon of November 1st for alterations and additions to the town waterworks building.—The Council passed a by-law on October 16th providing for the issue of $15,990.20 of debentures for school improvements.

BRANTFORD, ONT.—A by-law will likely be finally passed at the next meeting of the City Council providing for the erection of a new city hall, to cost about $100,000.—The Toronto, Hamilton and Buffalo Railway Company intend extending their yards.—It is probable an Isolation hospital will be established in the county.—Ryerson Bros. are about to extend their warehouse, at a cost of about $1,400.—Improvements will be made to Grace church, at a cost of about $4,000 —The report of Willis Chipman, C. E., of Toronto, on a surface drainage system, has been received by the City Council. His estimate for the work is $200,000.

LONDON, ONT.—The London Street Railway Company will expend a large sum in remodelling the system.—The London Electric Company are about to build a brick or concrete boiler house, for which Moore & Henry are the architects. —It is understood that a company is being formed to establish an electric power plant on the Thames river a short distance below Kilworth, and within eight miles of the city. M. C. McEvoy, barrister, is acting for the company.—The City Council have been asked to provide $251,500 for waterworks purposes, as follows: Second main from Springbank, $100,000; for additional mains, $45,000; for purchase of springs, $106,500.

HAMILTON, ONT.—The Baynes Carriage Company will shortly commence the erection of a new factory.—It is said that the management of the Star theatre will build a new theatre next spring.—W. H. Foggell will build a $2,000 brick residence on corner of Homewood avenue and Locke street.—A sewerage system for the annexed district will be constructed, at a cost of $21,000.—Building permits have been granted as follows: Stewart & Witton, brick dwelling on Sherman ave., between King and Cannon streets, cost $3,000; James Milne, brick dwelling, Markland street, cost $2,500; F. J. Rastrick & Sons, new club building, Locke street, cost $7,000; Fred Goff, brick dwelling, East avenue, cost $3,000; Thomas Allen, three dwellings, Clarke street, cost $6,000.

OWEN SOUND, ONT.—The Council have practically decided to submit a by-law to the ratepayers to provide $25,000 for the extension to the electric light plant. Tenders will be invited immediately for two new boilers for the same. —A representative of the Provincial Health Department was here last week looking over the various scources of supply with a view of getting information for the Board.—An engineer from the Department of Public Works was here last week taking soundings for the purpose of preparing plans for proposed harbor improvements.—It is probable that five by-laws will be submitted to the ratepayers on January 1st, to provide funds for waterworks extension, $10,000 for steel bridge over the Sydenham river, $10,000 for proposed addition to the Collegiate Institute, and $25,000 for electric light plant.

VANCOUVER, B. C.—P. Burns & Company are having plans prepared for their proposed abattoir and meat-packing establishment, the intention being to lay the foundations this fall and build the superstructure next spring. The British Columbia Market Company are also said to be getting plans prepared by Seattle architects for an abattoir to be built on False Creek.—The City Council will likely be asked to submit a by-law to the ratepayers in January to provide about $100,000 for new schools. In the west end an addition will likely be built to the Lord Roberts school, and to relieve the Dawson school a new building may be erected.—A by-law providing for the installation of a high-level waterworks system will likely be submitted to the electors.—The Weyerhauser Company, of St. Paul, Minn., are reported to have acquired 43,000 acres of timber lands on the east coast of Vancouver Island with the intention of building a large saw mill for the manufacture of the timber.—Hall & Son, of Winnipeg, have purchased a site on which they propose building a large grain elevator and warehouse. It will be located on False creek.—J. W. Balmain, C. E., engineer for North Vancouver, has outlined a scheme for the utilization of Deadmans Island. It includes a system of docks and the construction of a bridge across the Coal Harbor.

MONTREAL, QUE.—Announcement has been made that the Schuberts, of New York, have secured options on a property near the corner of Guy and St. Catharine streets with the object of building a new theatre thereon. — Professor Bemis, of Cleveland, Ohio, has been appointed as expert to report on the installation of a municipal gas plant.—Plans have been completed for the Royal Scots armory on Bleury street, which is estimated to cost $50,000, also for the Protestant High

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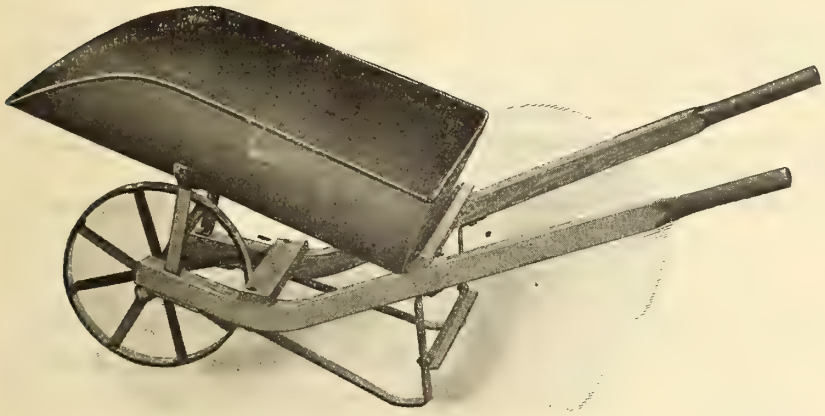

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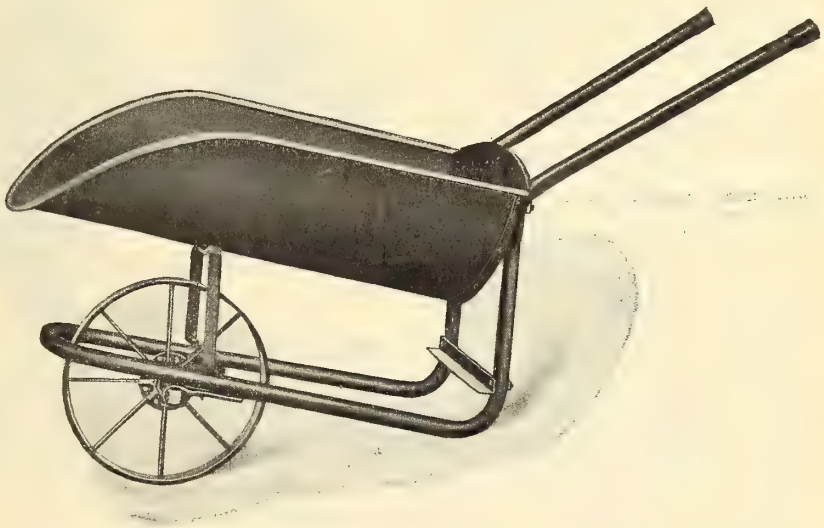

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No. 8 "Concrete Conveyor."

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MONTREAL

school to be built on Sherbrooke street.—The Finance Committee will ask the City Council for funds with which to commence the erection of No. 5 fire station.—Building permits have been granted as follows: Protestant Board of School Commissioners, stone school building, Sherbrooke street, cost $100,000; C. Ludger, six brick and frame dwellings, Christophe street, cost $9,200; J.B. Gratton, brick and stone dwelling, Sherbrooke street, cost $5,500; Patrick Kelly, brick and frame store, Ropery street, cost $4,000; F. A. Groathe, six brick and stone dwellings, Mitcheson street, cost $6,000; E. Lapointe, two brick and frame dwellings, Garnier street, cost $5,000; Montreal Street Railway Company, brick and stone car shed, St. Denis street, cost $100,000.—L. O. David, City Clerk, is asking for tenders up to Tuesday, 31st. inst., for construction of a building for a new steam pumping engine at the low level station, Point St. Charles. Plans at the office of the Superintendent of Water Works, City Hall.—It is announced that a site has been purchased at Longue Point, comprising about 30 acres, with the intention of establishing a large pleasure resort. The architects' plans are understood to include the construction of a large number of buildings, roadways, walks, etc., the expenditure being placed at $400,000.

TORONTO, ONT.—The Molsons Bank have given instructions to several local architects to prepare plans for a new bank building to be erected on Bay street immediately north of the Mail building.—F. M. Tuckett has purchased a block of land comprising about 600 feet on Dundas street, north of Bloor, upon which he purposes erecting a number of dwellings ranging in cost from $2,000 to $2,500 each.—A. R. Denison, architect, has prepared plans for the club house to be built by the Island Amateur Aquatic Association.—The Board of Control have decided upon the general plans for the new public library building for which architects have been invited to submit competitive designs. According to the City Architect's estimate, the building will cost $260,000.—The Council have given notice of the intention to construct the following works: Asphalt pavement on John street, from King to Queen, cost $9,109; tar macadam roadway on Farley avenue, from Spadina to Bathurst street, cost $11,640, and on Gibson avenue, from Yonge street to west end, cost $1,920; 18 inch tile sewer on Shaw street, from Bloor to Dupont, cost $11,150, and on Adelaide street, from Bay to York, cost $2,560.—Building permits will be granted as follows: R. Burleigh, two-storey roughcast addition to dwelling, 564 Concord avenue, cost $1,500; L. W. W. Plews, pair two-storey and attic brick and stone dwellings, south side McMaster ave., cost $6,000; James Spencer, two-storey stone, brick and roughcast dwelling, 232 Jones ave., cost $1,400; J. M. Murray, two-storey brick dwelling, 130 Farham ave., cost $3,500; E. Taylor, pair two-storey stone and brick dwellings, Delaware ave., near Hepbourne street, cost $5,000, also pair two and a half storey brick and stone dwellings, corner Delaware ave. and Hepbourne street, cost $5,600; F. Kent, pair two and a half storey stone, brick and cement dwellings, Sully Crescent, cost $3,500.

WINNIPEG, MAN.—C. J. Brown, City Clerk, is asking for tenders up to November 6th for furnishing and erection of a steel caisson about 15 feet in diameter by 43 feet in depth. It is to be used in sinking a well for a water supply.—The Dominion Bridge Company have decided to establish a branch plant in this city for the manufacture of structural steel.—The announcement is made that the Great Falls Power Company will proceed at once with the development of 50,-

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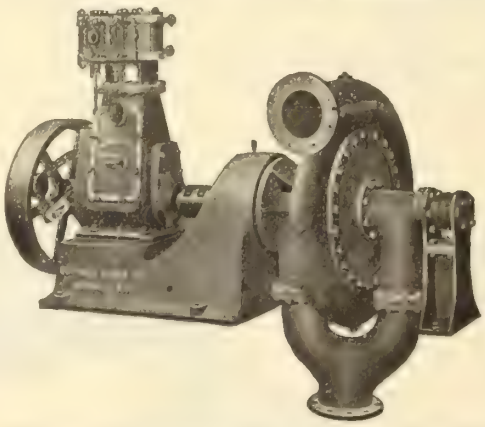

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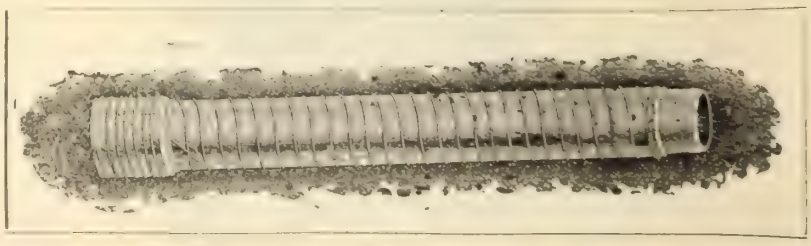

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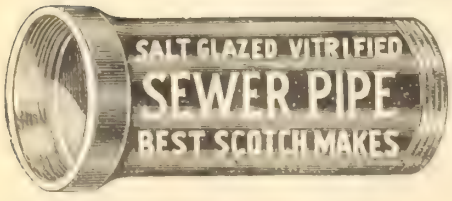

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000 electrical horse power for transmission to Winnipeg. H.M. Byllesley, of Chicago, has undertaken the floatation of the bonds. —It is estimated that the new theatre to be built by the Orpheum Company will cost about $200,000.—Tenders are being invited this week by the Committee on Works for supply of a quantity of lumber required by the City.—Harmer & Rowan, of Toronto, have purchased 70 feet frontage on Notre Dame avenue and intend erecting a large business block on the site next year.—The City of Winnipeg Power Association has been organized, with a capital of $100,000, for the purpose of developing electric power. J. H. Ashdown and J. Arbuthnot are interested. —Asphalt pavements will be constructed on the following streets: Agnes street, from Lavinia avenue to Ellice avenue, cost $8,525; Salter street, from bridge to Selkirk avenue, cost $14,954; St. Johns avenue, from Main street to Salter street, cost $14,232.—Berger Bros. have purchased the Dominion hotel on Main street and purpose remodeling it.—Plans are being prepared for extensive additions to the plants of J. Y. Griffin & Company in this city and at Calgary, at a cost of $150,000 and $25,000 respectively. The Calgary extentions will consist of an addition to the building and the installation of a cold storage plant.—A meeting of the civic bridge committee will be held this week to consider the proposed north end, centre and south end bridges over the Red river. The city already has power to submit a bylaw to the ratepayers to raise $60,000 for construction of a north end bridge.—Mr. Mann, C. E., is surveying the strip of land which divides the Lake Winnipegosis from the extension of the Saskatchewan river known as Cedar Lake. The Dominion Public Works Department contemplate constructing a channel between the two bodies of water.

CONTRACTS AWARDED.

REGINA, N. W. T.—The Cockshutt Plough Company have let the contract for a warehouse.

TILBURY, ONT.—Hotel for Barney Ballard: R. Cucksey, of Chatham, contractor, $6,000.

QUEBEC, QUE. — New immigration buildings: Juchereau & Lamonte, successful tenderer, $55,850.

HALIFAX, N. S.—New immigration buildings for Dominion Government: Samuel Marshall, successful tenderer, $51,997.

FERNIE, B.C.—Broley Bros. have been awarded the contract for two large hotels at Lille and Bellevue for the Western Canadian Coal Company.

TORONTO, ONT.—Sullivan & Langdon, of Kingston, have secured the contract for proposed addition to the armories in this city, price about $225,000.

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TEESWATER, ONT. — Repairing county bridge over Teeswater river: William Sproal, successful tenderer, $4.69 per cubic yard. Charles Barber, of Wingham, tendered at $5.00 per cubic yard.

BROCKVILLE, ONT. — The James Smart Manufacturing Company, this city, have been awarded contracts for heating St. Andrew's church, Harrow, Ont., and Cooke's Presbyterian church, Kingston, Ont.

NIAGARA FALLS, ONT. — Peter Lorenzo has been awarded the contract for building section No. 18 of the sewerage system, at $3,871.62, and Fraser & Ward the contract for section No. 19 at $4,595.

MONTREAL, QUE.—Stack & Brogan have been given the contract to construct scoria block floors in steel sheds now being built on the wharves by P. Lyall & Sons.—New fire station on Berthlet street: Masonry, O. Martineau & Fils, $11,950; carpentry, A. Jullian, $6,290.

MEDICINE HAT, N.W.T.—The town has disposed of $15,000 five per cent. debentures to Aemilius Jarvis & Company, Toronto, at $15,310 and accrued interest. Other tenderers: Wm. C. Brent, Toronto, $15,026; G. A. Stimson & Co., Toronto, $15,005; Wood, Gundy & Co., Toronto, $15,288.50; J. W. Nay, Regina, $15,091; Canadian Securities, Limited, Toronto, $15,065; National Trust Company, Winnipeg, $15,233.

WINNIPEG, MAN.—The contract for excavation and masonry work for horse and cattle stables and pavilions at the Agricultural College, has been let to R. McElveny.—The contract for immigration buildings in this city has been let to Cotter Bros., for about $53,000.—The City Council have accepted the following tenders: Gartshore Pipe & Foundry Co., for supply of cast iron water pipe and specials, at $36 per ton for straight pipe, and $3.20 per 100 pounds for specials, f.o.b. Winnipeg; R. D. Wood & Co., for supply of turbine pump, at $10,000, f.o.b. Winnipeg; Canada General Electric Co., for supply of electrical generators, proposal No. 5920 A, at $57,900, f.o.b. Winnipeg; Dobson & Jackson, for construction of a sewer in Jarvis avenue, from Andrews street to McKennzie street, at $1,513.50, and for a sewer in Maple street, from Portage avenue to north end of street, at $749.

In a recent issue of the CONTRACT RECORD it was stated that C. O. Brown had disposed of his lime-stone quarries at Owen Sound, Ont., to the Wellington Lime Company, of Toronto. It has since been learned that the purchaser was Albert E. Cameron.

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FREIGHT RATES ON METALLIC SHINGLES.

The Railway Commission has issued an order in reference to the application of the Canadian Manufacturers' Association and the makers of metallic shingles. The applicants wanted an order reducing the rating of metallic shingles from 5th class to 7th class in the schedule of the Canadian Freight Association. In response to the appeal the Board orders:

"That the Canadian Pacific Railway Company, the Canadian Northern Railway Company, and other railway companies as represented by the Canadian Freight Association, be, and they are hereby, ordered to establish, with no greater delay than may be absolutely necessary for the publication of their tariffs, commodity rates on metallic shingles, in carloads, equal to the rates at which metallic shingles, in carloads, were carried immediately before the change of classification in March, 1901, and that the same rates be applied on metallic siding, mixed carloads of the two articles to be carried in all cases at the same rate as charged on straight carloads."

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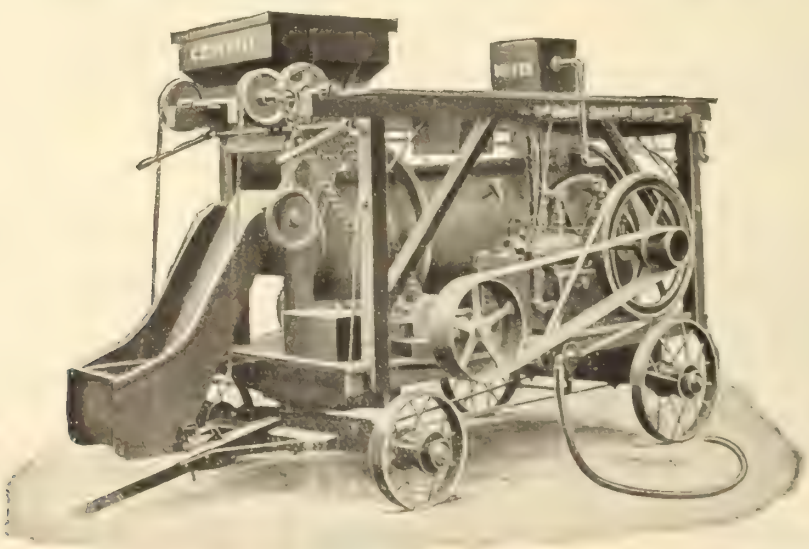

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Alsen				2 25
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" cotton sacks, 350 net		2 00		2 00
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"Iron Clad" in bags 350 lbs.			1 80	1 90
"Invicta" " " "			1 65	1 70
"Adirondack" " " "			1 50	1 65
Old Reliable "Giant" (350 lbs. net per bbl.)	1 80	2 00	2 00	2 20
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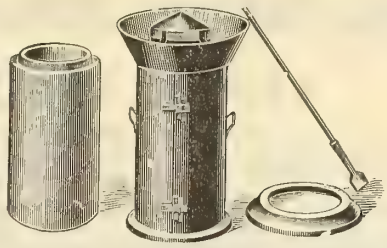

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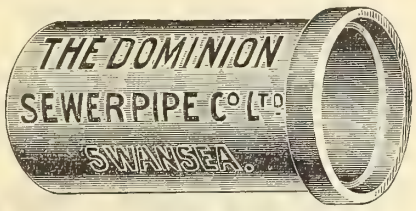

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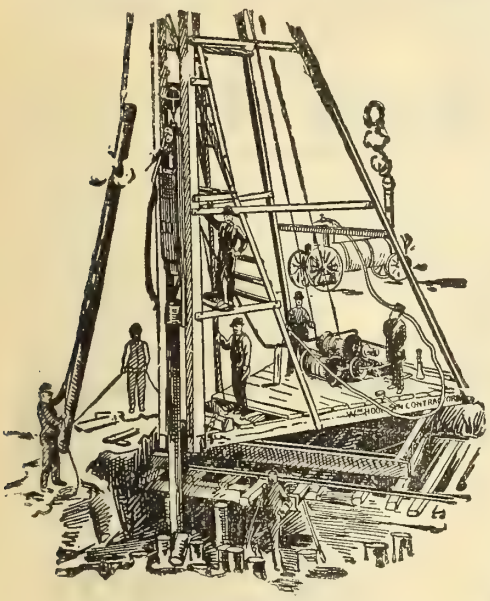

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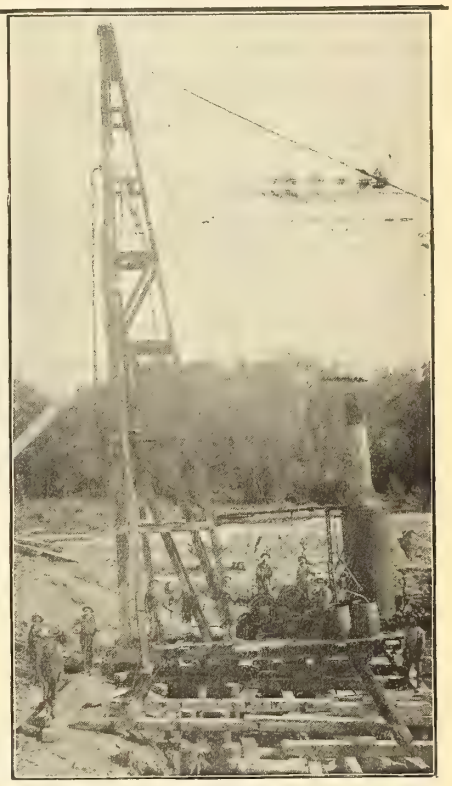

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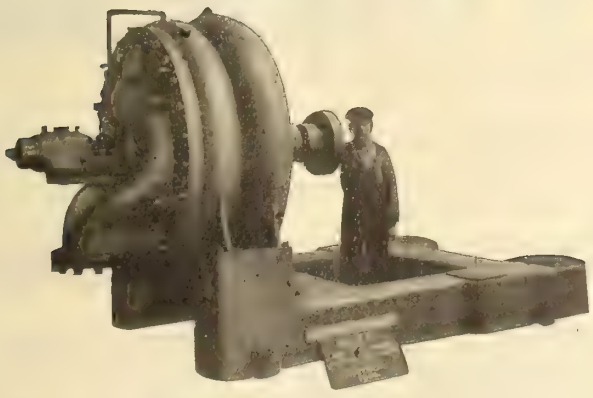

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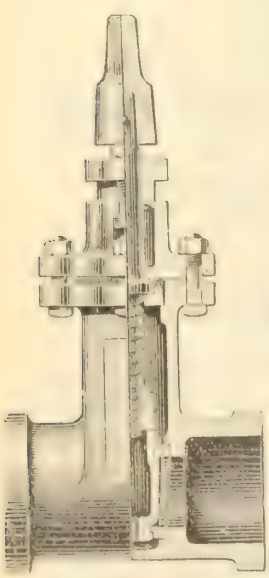
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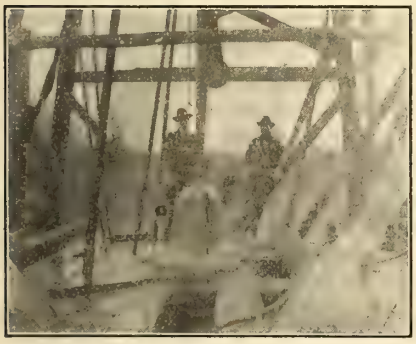

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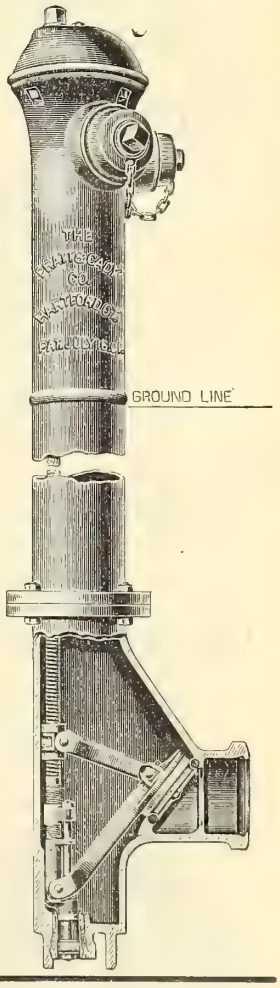

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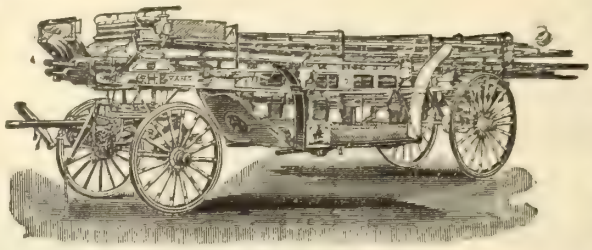

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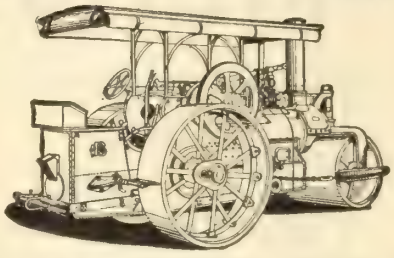

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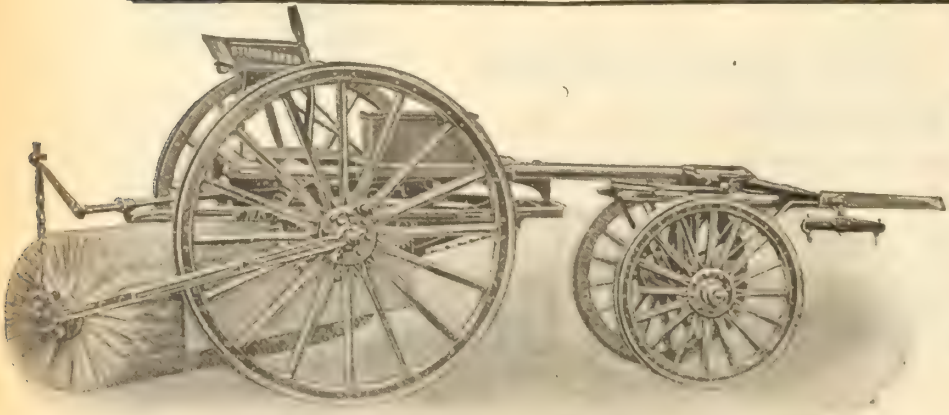

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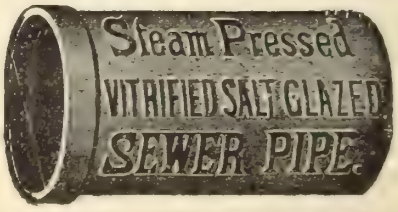

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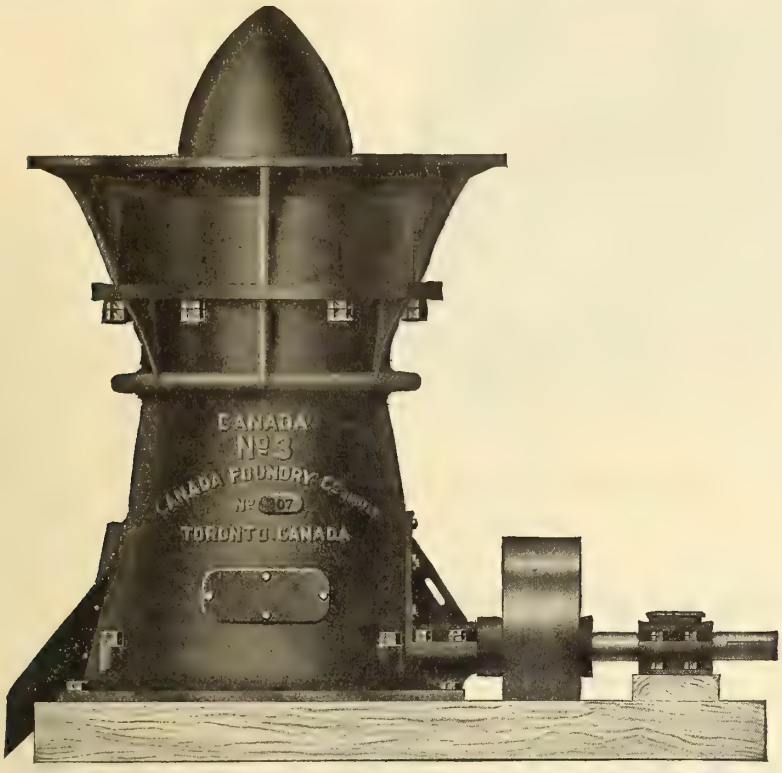

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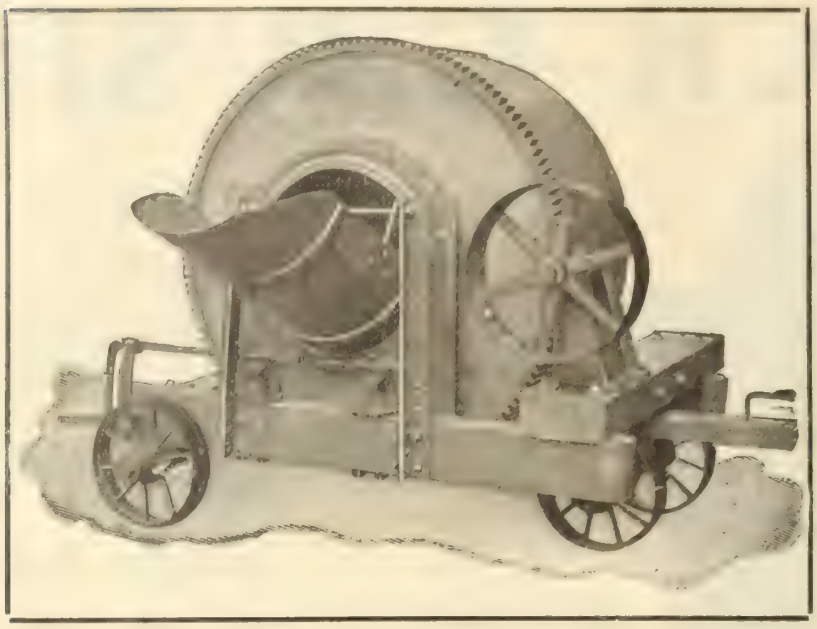

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CANADIAN

Contract Record

A Weekly Journal of Public Works, Tenders, Advance Information and Municipal Progress

This Paper Reaches Every Week the Town and City Clerks, Town and City Engineers, County Clerks and County Engineers, Purchasers of Municipal Debentures and Leading Contractors In All Lines Throughout Canada

VOL. 16. TORONTO, MONTREAL — NOVEMBER 1, 1905 — WINNIPEG, VANCOUVER No. 35

THE CANADIAN CONTRACT RECORD
PUBLISHED EVERY WEDNESDAY
As an Intermediate Edition of the Canadian Architect and Builder.

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Debentures for Sale

Sealed tenders will be received up to noon of SATURDAY, NOVEMBER 11TH, 1905, for the purchase of $41,000 Local Improvement Debentures of the Town of Oshawa, dated December 1st, 1905, bearing interest at 4½ per cent. per annum. and repayable at the office of the Treasurer, Oshawa, in 30 equal annual instalments of principal and interest.

The highest or any tender not necessarily accepted.

THOS. MORRIS,
Town Clerk.

CONTRACTS OPEN.

ARTHUR, ONT.—It is probable that an addition will be built to the High school.

PINE, ONT.—The Pine Lumber Company purpose installing additional power in their saw mill.

HOPEWELL HILL, N. B. — The Church of England will shortly build a new church here.

TILBURY, ONT.—Miss Sarah Gahan, of Tilbury North, intends building on a lot on Cathcart street.

TRURO, N.S.—The Town Council will engage an engineer to report on a waterworks system.

CALLENDAR, ONT.—The Temagami Lumber Company are building a large saw mill here.

NORTH SYDNEY, N. S.—A company is being formed here for the purpose of building a new rink.

PORT HOPE, ONT.—The Britannia Paper Company will build a paper mill here to cost about $50,000.

PETROLEA, ONT. — The Council will likely issue $17,000 of debentures for erection of a central school.

PHŒNIX, B.C.—Richard Armstrong is working on a plan to erect a concentrator in the Boundary district.

SASKATOON, N.W.T. — Hoge & Thompson have asked the Council for a franchise for electric lighting.

WINDSOR MILLS, QUE.—J. R. Hebert is talking of building a two storey summer hotel on Coney Island.

PEMBROKE, ONT. — The Town Council are receiving tenders on purchase of about $34,000 of debentures.

CHIPPEWA, ONT.—The construction of a system of waterworks, to cost about $25,000, is under consideration.

SHERBROOKE, QUE.—The Canadian Rand Drill Company contemplate building a large addition to their works.

WOODSTOCK, ONT.—The Canadian Bank of Commerce have decided to put in the foundation for their new building this fall.

WEST SHEFFORD, QUE.—Louis Gauthier has been granted a franchise for the construction of a waterworks system here.

REVELSTOKE, B. C.—The Bowman Lumber Company intend making extensive improvements to their saw mill at Comaplix.

COLLINGWOOD, ONT.—The Collingwood Furniture Company purpose erecting new buildings and making other improvements.

PETERBORO, ONT.—The Peterboro Canoe Company are about to erect a three-storey factory addition, 125×25 feet, cost $4,000.

LONDON, ONT.—The Southwestern Traction Company will shortly start the surveys for an electric railway from this city to Hamilton.

WELLAND, ONT.—The Council will construct a ten inch water main to the Cordage Company's works, at an estimated cost of $9,000.

NORTH BAY, ONT. — A proposition has been submitted to the Town Council to erect a smelter here. John Ferguson is interested.

FERNIE, B.C.—It is understood that the Elk Lumber & Manufacturing Company have decided upon the plans for their proposed saw mill.

PORTAGE LA PRAIRIE, MAN.—John P. O'Leary, architect, has just taken tenders on the steam heating and plumbing of the Merchants' Hotel.

ST. BONIFACE, MAN.—The Dominion Government have purchased property on south side of Provencher avenue as a site for new post office.

RAINY RIVER, ONT.—The Town Council are endeavoring to secure control of the river front for the purpose of building a power house, docks, etc.

FONTHILL, ONT. — The Imperial Bank of Canada have purchased a site on corner of Front and South Pelham streets on which to erect an office building.

KINCARDINE, ONT. — The prospects are that C. P. R. will next spring complete the road from Teeswater to this town and connecting with Walkerton.

EAST TORONTO, ONT.—It is estimated that the proposed High school will cost $20,000 and the Council will be asked to issue debentures for this sum.

TORONTO JUNCTION, ONT.—The Canada Cycle & Motor Company have started work on the erection of a brick building for the manufacture of automobiles.

CRANBROOK, B.C.—Chicago capitalists have been examining the Bull River Power Company's works with a view of carrying the enterprise to completion.

SYDNEY, N. S.—The Harris Abattoir Company, of Toronto, have purchased a block of land between Pitt and Prince streets, presumably for building purposes.

BOUCK'S HILL, ONT. — George Lane, Township Clerk, is asking for bids by November 25th for purchase of ten debentures of $864.62 each, bearing 4½ per cent. interest.

BRANTFORD, ONT.—A scheme is on foot to erect a modern hotel facing the new G. T. R. station. The name of Simon James is mentioned in connection with the project.

CHILLIWACK, B.C.—The Elk Creek Water Company has been organized here, to construct a waterworks system. The Canadian Pipe Company, Vancouver, are behind the project.

NEW GLASGOW, N. S.—Tenders are requested by the Department of Railways and Canals, Ottawa, by Monday, 6th inst., for construction of an addition to freight shed, a loading platform and a crane at this place.

REGINA, N. W. T.—At a congregational meeting of the Methodist church held last week, it was decided to procure plans for a new edifice so as to commence the work next spring.

ST. JOHN, N.B.—The Board of Trade have appointed a committee to enquire into the feasability of the city obtaining chief power from a near-by falls. Particulars from H. B. Schofield.

CARMAN, MAN.— The Methodist Church congregation have decided to take immeniate steps towards the erection of a new church. Particulars from S. J. Staples or H. Armstrong.

PRESQUE ISLE, ONT. — The by-law granting exemption from taxation to the Manning Wood Fibre Company, of Toronto, was carried in the Township of Sarawak last week.

ARNPRIOR, ONT.—The Montreal Suspender & Umbrella Company have

purchased property on William street as a site for the shirt factory which they propose to erect here.

VALLEYFIELD, QUE. — Montreal capitalists are negotiating with Lewis Simpson to acquire a portion of the Northrop Iron Works with the object of converting it into a bag factory.

WOODSTOCK, N.B.—The late L. P. Fisher has bequeathed about $200,000 for the establishment of a free manual and industrial training school which would also give instruction in agriculture.

WINDSOR, ONT.—John Davis has submitted a proposition to the Council to erect a building on Pitt street, to cost about $20,000, for the use of the county officials who have offices in Windsor.

OTTAWA, ONT.—The Rideau Manufacturing Company have begun the erection of a four-storey brick factory on north side of Albert street, between Metcalfe and O'Connor streets. Percy Sparks is manager.

WATERLOO, ONT.—The ratepayers will vote on a by-law on Monday, November 20th, to furnish a site and grant exemption from taxation to Charles Mueller, who purposes establishing a large cooperage plant.

QUEBEC, QUE. — The Dominion Government are about to erect an immigration and detention hospital costing $60,000.—The contract will shortly be let for the construction of an elevator from Mountain Hill.

LACOMBE, N.W.T. — A by-law to provide $5,000 to aid in the construction of a grist mill by Frank Danner will be submitted to the ratepayers on November 21st, also a by-law to raise $3,000 for fire protection and sidewalks.

FORT FRANCES, ONT.—It is reported that the Rat Portage Lumber Company will build a large saw mill here next spring.—The plans of John Galt, C. E., Toronto, have been accepted for a sewerage system for this place.

STRATHCONA, N. W. T.— The Council will offer for sale $38,000 of waterworks debentures.—P. Burns & Company, of Calgary and Vancouver, have acquired property here on which to establish stock yards and an abattoir.

FORT WILLIAM, ONT.—The Northern Engineer, Construction & Supply Company, capitalized at $100,000, purpose locating here, the intention being to begin the construction of their plant next spring. Their solicitor is F. R. Morris.

STRATFORD, ONT.—Work will be commenced immediately on the new factory of the Dominion Thread Company. J. W. Siddall, of Toronto, is the architect.—It is understood that the interior of the post office is to be remodelled.

PETROLIA, ONT.—John McHattie, Town Clerk, will receive bids up to Monday, November 13th, for purchase of the following debentures: $14,000, 4½ per cent. 30 year; $6,143 18 4½ per cent. 20 year; $14, $21.92, 4½ per cent. 10 year.

GUELPH, ONT. — A civic deputation last week interviewed the Provincial Board of Health with reference to the proposed water filtration system. The Council favor a mechanical system, while the City Engineer recommends sand filtration.

KINGSTON, ONT.—F. C. Ireland, City Treasurer, invites bids up to Friday, November 3rd, for purchase of the following 4 per cent. debentures, payable semi-annually: $20,000 30-year electric light debentures; $2,000 15-year high school debentures.

EDMONTON, N.W.T.—Tenders are invited by the Department of Public Works, Ottawa, up to Saturday, November 11th, for erection of an Immigration Building here. Plans at the above department and on application of W. R Wylie at the Dominion Lands Office.

NIAGARA FALLS, ONT.—A number of prominent residents have decided to organize a Good Roads Association. It is proposed to build a boulevard along the Niagara river from Lake Erie to Lake Ontario.—Tenders close to-day for erection of hospital building on Jepson street. E. D. Pitt, architect.

BEAVERTON, ONT.—The Council will ask separate tenders for construction of an intake at foot of John street and at river bank on Main street and a cement tank at corner of York and Simcoe streets.—The question of building a new town hall will probably be taken up at an early date.

BLACKVILLE, N. B.—The Department of Railways and Canals, Ottawa, are asking for tenders up to Monday, 6th inst., for repairing the Intercolonial Railway between Indiantown and this place. Plans at office of the Station Master here and at office of Engineer of Maintenance, Moncton, N. B.

NEW WESTMINSTER, B.C. — E. J. Fader will build a wharf and small warehouse on two water lots east of the Cleeve cannery.—The British Columbia Electric Railway Company will probably build a branch line from this city to the Fraser River saw mills, at an estimated cost of $35,000.

MOOSE JAW, N. W. T.—The Canadian Bank of Commerce have been granted a permit for their new building on corner of Main and High streets. It will be 32×72 feet and cost about $30,000.—The ratepayers have petitioned the Council to submit a by-law to raise $30,000 for the extension of the electric light and waterworks systems.

VICTORIA, B.C.—F. M. Rattenbury, architect, is preparing plans for proposed children's ward in connection with General Hospital. Improvements to the heating apparatus of the hospital are also proposed.—The Western Canadian Ranching Company have purchased full control of the British Columbia Market Company and propose to make improvements to the Victoria and Vancouver establishments and to install cold storage plants.

HAMILTON, ONT. — The City Council will be asked to submit a by-law to the ratepayers to raise about $60,000 for the construction of a sewerage system and disposal works for the annex.—Building permits have been granted as follows: J. Russel, brick residence, Leeming street, between Cannon and Barton streets, cost $1,800; Charles Plant, brick residence, Birch avenue, between Cannon and Barton streets, cost $2,000.—The Banwell-Hoxie Wire Fence Company, the Canadian branch of the McGregor-Bandell Company, of Adrian, Mich., will build a factory on Princess street, this city. Building operations will be commenced immediately.

WINCHESTER, ONT.—S. Larue, of Mountain Station, will receive tenders up to November 4th for construction of the Baldwin drain in Townships of Mountain and Matilda; estimated number of cubic yards to be excavated, 11,796. Plans at office of Dunn & Fullerton, engineers, this place, and Hugh Martin, Township Clerk, Hallville. — Tenders are invited by George Quart, Clerk Township of Winchester, up to Wednesday, November 15th, for purchase of nine debentures of $256.67 each, five debentures of $346 each and ten debentures of $110.93, all issued for the construction of drains.

CHATHAM, ONT.—The Canadian Cordage Company, of Toronto, capitalized at $250,000, propose to erect a factory here costing $60,000. The directors include G. H. Campbell, J. P. Murphy and William Mackenzie, of Toronto.—Peter Antuya is asking for tenders by Saturday, 4th inst., for supplying material, building a drainage wheel, wheel channels and dams, and removal and repair of pump house of the Dolson Creek Mechanical Drainage Works, Dover. Plans at office of J. W. Shackleton, C. E.—A permit has been granted for the Bank of Montreal's new building, which will be two stories, 48×64 feet, cost $15,000.

VANCOUVER, B.C.—City Engineer Clements has reported that the cost of sewers for certain districts recommended by the Medical Health Officer would be $289,000.—Plans are being prepared for a stone church to be built by the First Baptist congregation, of which Rev. J. W. Litch is pastor. The site selected is the corner of Nelson and Burrard streets and the cost will be about $35,000.—The Vancouver Portland Cement Company, whose plant is situated at Todd Creek, Saanich Arm, purpose making improvements and additions which will double the capacity of the plant.—Colonel Anderson, of the Department of Marine and Fisheries, Ottawa, has announced that lighthouses will be constructed at Estevan Point, at the entrance to Nootka Sound; at Entrance Island, at the mouth of Quatsino, and at the entrance to Kyuquot Sound. The bar at Hesquoit will be buoyed.

MONTREAL, QUE.—The plans of Maurice Perrault, architect, have been accepted by The Catholic Board of School commissioners for the St. Eusebe school. They call for an expenditure of about $45,000.—The Council have given notice of the intention to construct a sewer on Sherbrooke street, from Delorimier avenue to a point about 275 yards west.—The Department of Militia, Ottawa, have five sites offered them upon which to erect a permanent barracks in this city.—John F. Ryan, of New York, is promoting a project for the building of a new race track in this city.—Building permits have been granted as follows: Victor Levesque, Park Lafontaine, brick and frame dwelling, cost $6,000; John B. Delorimier, Cedar avenue, two brick and stone dwellings, cost $8,000; Galaineau & Racebbe, St. Herbert street, three brick and frame dwellings, cost $4,000; Royal Scot Armory, Montgomery street, brick and frame building, cost $50,000.

WINNIPEG, MAN. — C. J. Brown, City Clerk, invites tenders up to Monday, November 6th, for supply of 20 tons of ½-inch pipe and 20 tons of ⅝-inch pipe. Specifications at office of H. N. Ruttan, City Engineer. — The Winnipeg Grain Exchange have appointed I. M. Ross, Robert Muir, Charles Gage, D. E. Sprague and J. J. Bettingen a committee to report upon the cost of the erection of a grain exchange building.—It is reported that the Independent Order of Foresters have under contemplation the erection of a magnificent building in this city. The site spoken of is the corner of Main street and Portage avenue.—It is understood that Drew & Campbell, of Detroit, are considering the erection of a first-class theatre in this city.—An agreement is said to have been reached for the erection of a union depot by the Grand Trunk Pacific and Canadian Northern Railways.—The City Solicitor has been instructed to prepare a by-law authorizing an expenditure of $600,000 for a municipal gas plant.—The members of the First Baptist church have decided to build a new edifice in the vicinity of St. James Park.—The Dominion Government have purchased the north-east corner of Rorie street and McDermot avenue as the site for an examining warehouse to be built next year.—The City Clerk will receive tenders up to Tuesday, November 7th, for supply of a quantity of sewer pipe.—George Browne, architect, is tak

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1 2½ yd. Marion Steam Shovel.
1 1¾ yd. Bay City Steam Shovel.
1 1½ yd. Beatty Steam Shovel.

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1 40 ton S. G. Locomotive with Tender.
1 45 ton S. G. Locomotive with Tender.
1 35 to 40 ton S. G. Locomotive with Tender.

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2 6 x 12 D.C., D.D. Beatty Hoisting Engines.
1 5 x 8 D.C., D.D. Monday Hoisting Engine.
1 8¼ x 10 Quick Hoisting Engine.
1 Clutch Hoist and Boiler for 5 to 6 ton load.
2 8 ton Guy Derricks.
1 ½ ton Stiff Leg Derrick.
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1 1½ ton Stiff Leg Derrick.
1 Extra Heavy Stiff Leg Derrick.

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1 No. 5 Gates Crusher.

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1 20 H. P. Vertical Boiler.
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1 12 H. P. Boiler.

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1 10 H. P. Shop Engine.
1 18 H. P. Waterous Traction Engine.

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1 6 x 4 x 6 Worthington Pump.
1 Beatty Cent. Pump, 10 in. Suct., 9 in. Disch.
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ing tenders up to noon of 3rd inst. for additions and alterations to the second and third stories of the Canada Permanent Block, corner Main street and Portage avenue.—The Department of Marine and Fisheries have decided to build a steamboat for the use of officers of the Department employed on Lake Winnipeg; estimated cost, $10,000.—The Finance Committee will recommend to Council that a by-law be submitted to the ratepayers to raise $150,000 for hospital improvements, including a new morgue and other accommodation.—C.E. Kelpin, city quarry superintendent, states that about $6,000 will be expended on the quarry property at Stoney Mountain. The foundation for the stone crushers will likely be commenced immediately.

TORONTO, ONT. — The Central Canada Savings & Loan Company have not yet reached a decision regarding the new building to be erected on the corner of King and Victoria streets. It has been rumored that negotiations were under way looking to the acquisition of the entire property facing on north side of King street, between Victoria and Yonge streets, with the object of erecting a new building covering the entire block.—A canvass is now being made for funds with which to enlarge the Home for Incurables.—The Board of Control are asking for tenders up to Tuesday, November 7th, for additions and alterations to the High Level pumping station, including excavation and masonry, steel and iron work, carpenter and joiner work, slating, galvanized iron work and painting and glazing. Plans at office of the City Architect, City Hall.—Tenders are also invited by the Board of Control up to 7th inst. for furnishing and erecting a return tubular boiler of 75 horse power for the Island pumping station. Plans at office of the City Engineer.—Several plans for the proposed new church on Spadina avenue for Knox Church congregation were submitted at a meeting held last week. The Building Committee will make a definite recommendation within a few days.—The City Engineer has reported to the Board of Control in favor of the construction of either a swing bridge or a rolling lift bridge from the foot of Bathurst street across the western gap for the purpose of providing a street car route to the Island. The cost in each case would be about $200,000.—The Stanley Gun Club have leased 40 acres of land on the Kingston road and will at once commence the erection of a club house. —Building permits have been granted as follows: Moses Hunter, grain elevator, Perth ave., near Bloor st., cost $4,000; W. A. Young, alterations to brick dwelling, 143 College st., cost $6,000 (C. J. Gibson, architect, Smallwood Bros., contractors); H. F. Saunders, two-storey stone, brick and cement dwelling, Wright ave., cost $2,500; Devitt & Holt, 2½-storey brick and stone dwelling, corner Markham and Herrick streets, cost $5,500; Wm. Heap, three brick veneered dwellings, 281-5 St. Clarens ave., cost $4,500; Mrs. Reid, 2 1-2-storey brick and stone dwelling, Palmerston ave., near Ulster, cost $5,000; Samuel Stratford, pair 2-storey brick and frame dwellings, Radcliffe ave., cost $2,500; M. Manley, two-storey and attic stone and brick dwelling, College st., near Gladstone, cost $3,000; C. A. Brink, two-storey brick and stone factory, corner Dundas st. and Soho ave., cost $12,000 (Gordon & Helliwell, architects); R. Laidlaw & Co., brick office, Dundas st., cost $2,000; Fred Ingram, pair two-storey brick and roughcast dwelling, Tiverton ave., cost $3,200; E. F. Leidy, four two-storey roughcast dwellings, Tiverton ave., cost $6,000; H. Hut-

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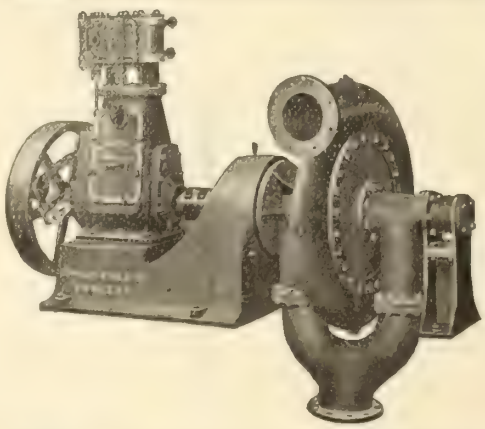

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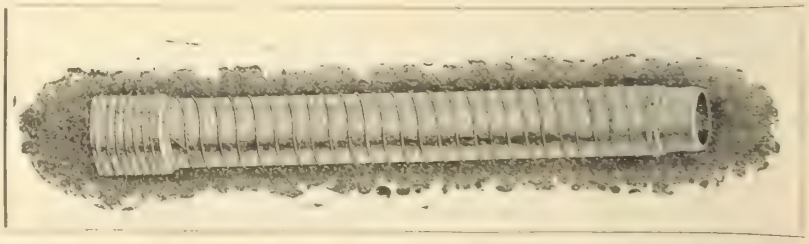

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son, pair two-storey and attic brick residences, Dewson st., near Delaware ave., cost $5,500; Thos. Walker, two-storey brick and stone dwelling, Boustead ave., cost $3,000; Wilkins & Co., three pair two-storey brick dwellings, Albany ave., near Dupont st., cost $12,000; A. Clubb, two-storey and attic stone and brick dwelling, Avenue Road, near Farnham, cost $7,000; Wilkins & Co., two pairs two-storey and attic brick dwellings, Dupont st., cost $8,000; Richard Reid, pair two-storey concrete, brick and roughcast dwellings, Jones ave., cost $3,000; W. W. Hiltz, pair brick residences, 663-5 Broadview ave., cost $4,000; H. Parr, three brick front and roughcast dwellings, Howie ave., cost $4,200; Norman Baird, pair brick and stone dwellings, Bloor st. west, near Lansdowne, cost $4,000; John Kee, two two-storey brick and stone dwellings, Birtle ave., cost $5,000; John A. Alexander, pair brick and stone dwellings, 169 and 171 Roxborough ave., cost $6,000; Sovereign Bank, alterations to offices, 28 King st. west, cost $11,000.

CONTRACTS AWARDED.

WOODSTOCK, ONT.—Cement abutments for bridges over the canal and creek: McNeil & Bain, of Embro, contractors.

MOOSE JAW, N. W. T. —The Town Council have disposed of $46,500 debentures to Aemilius Jarvis & Company, Toronto. This sum covers the expenditure for local improvements.

PETERBORO, ONT.—Oatmeal building and elevator for Peterboro Cereal Company: Brickwork, A. J. McPherson; carpenter work, McIntyre Bros.; lumber, The Dickson Company; brick, Curtis Bros.

ST. BONIFACE, MAN.—Senecak Smith is the lowest tenderer for erection of fire hall in Norwood, at $11,119.—The contract for sewers on Provencher and Lilian avenues has been let to Dobson & Jackson, of Winnipeg, at $1,800.

TORONTO, ONT.—The following tenders were received for hydrants for high pressure water works system:—Canada Foundry Company, $122.50 each; A. P. Smith Mannfacturing Company, $124.55; Canada Iron Works, $150.50; Glenfield & Kennedy, $378,14; M. & L. Samuel, Benjamin Company, $135.

WATERLOO, ONT.—The Town Council received tenders for supply of hose wagon and fire appliances from Darch & Company, Smith Bros. and Hugh Cameron & Company, all of Toronto. The tender from H. Cameron & Company, representing the Seagrave Co., of Walkerville, has been accepted.

NIAGARA FALLS, ONT.—New Sunday school building at St. Andrews Presbyterian church: Masonry, G. A. Lockhart, $2,300; carpenter work, Jacob Lovell, $2,425; plumbing and heating, Cole & McMurray, $900; painting, John Worthington, $299.

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WINNIPEG, MAN.—McLeod & McLean have been awarded the contract for erection of new racing stables at the Kirkfield track, to be 288 feet by 30 feet.

GANANOQUE, ONT.—The following tenders were received by the Town Council for purchase of debentures: Wm. C. Brent, $32,759; G. A. Stimson & Co., $33,023; H. O'Hara & Co., 95 5-100 p.c.; Dominion Sec. Corp'n, $33,309; Canadian Sec. Co., $33,409 (accepted).

The Canadian Fairbanks Company, Montreal, will shortly issue the first section of their new supply catalogue, which will be devoted to pipe and steam fitters' tools.

J. G. White & Company, nIcorporated, announces that it has secured as superintendent of masonry construction Mr. James C. Hain, who resigns as engineer of masonry construction from the Chicago, Milwaukee & St. Paul Railroad.

The Pratt & Whitney Company, of Hartford, Conn., have purchased a plant in Dundas, Ont., for the manufacture of its full line of small tools, taps, reamers, milling cutters, punches, dies, etc. The building is a modern structure and the power plant is already in place. The machinery equipment is being gotten ready and will be sent there and operations begun immediately. This plant will include a department for manufacturing a full line of twist drills, an elaborate equipment of special machinery having been purchased for this purpose. The output of this new factory will be handled by the Canadian Fairbanks Company, Limited, who will have the exclusive agency for Canada.

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W. C. Wilcox, Limited, Winnipeg, Man., incorporated, capital $200,000, to manufacture and deal in machinery, engines, boilers, etc.,

City of Winnipeg Power Association, Winnipeg, Man., incorporated, capital $100,000, to generate and transmit electric power. Promoters, J. H. Ashdown, John Arbuthnot, Alex. MacDonald, D. W. Bole and R. T. Riley.

Opemican River Improvement Company, Limited, Hawkesbury, Ont., incorporated, to construct dams, slides, booms, etc Directors, W. C. Edwards, H. K. Egan, Hiram Robinson and others.

Ruethel Mining Company, Limited, Windsor, Ont., incorporated, capital $50,000. Directors, W. A. Thorpe and H. C. Rees, of Detroit, and others.

Thorn Plumbing Company, Limited, Toronto, incorporated, capital $20 000, to

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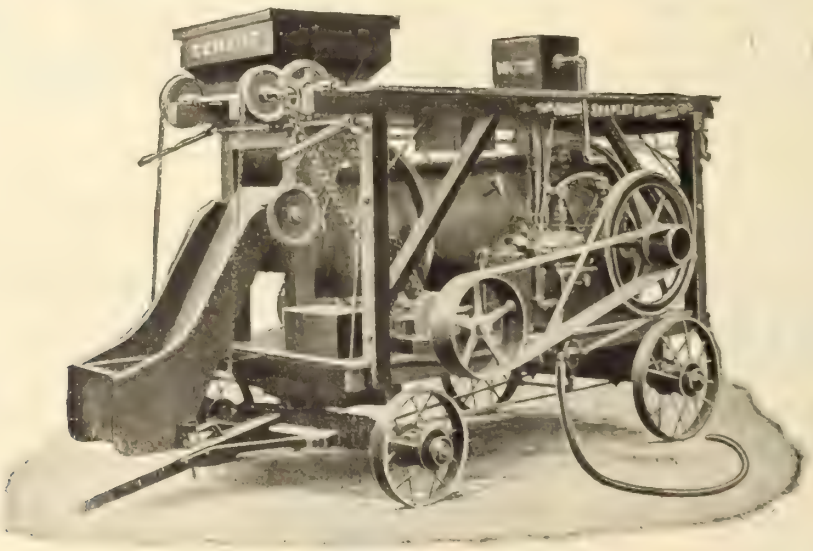

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Waltham Cabinet Company, Limited, Toronto, incorporated, capital $40,000, to manufacture cabinets, shop fittings, etc. Directors, John Morrison, Frank Shapter and R. H. Clark.

Majestic Oil Company, Limited, Toronto, incorporated, capital $100,000. Directors, G. L. Lovejoy, T. H. Graham, and others.

Standard Ideal Company, Limited, Port Hope, Ont., incorporated, capital $500,000, to manufacture enamelled ware, plumbers' supplies, water pipes, etc. Directors, H. T. Bush, A. E. Pipher, P. L. Bush and A. M. Pipher.

Imperial Silver Mining Company, New Liskeard, Ont., incorporated, capita $50,000. Directors, Murdoch McLeod, Herbert Bennett, A. J. Morgan and others.

Electric Meter & Stamping Company, Toronto, incorporated, capital $200,000, to manufacture electric, water and gas meters, electric supplies, etc. Directors, Anthony Crane, William Bullock, John Creighton, F. Sinclair and George Kirwin.

Haldimand Natural Gas Company, Limited, Dunnville, Ont., incorporated, capital $40,000. Directors, R. A. Harrison, F. J. Ramsey and F. R. Lallor.

D. B. Martin, Limited, Toronto, incorporated, capital $200,000, to construct abattoirs and cold storage plants. Directors, Robert McKay, Andrew Dods, and others.

Peterboro Sandstone Brick Company, Limited, Peterboro, Ont. incorporated, capital $50,000, to manufacture bricks and other building materials. Directors, J. J. English, Andrew Brown, Robert Hartstone, J. J. Hartley and E. S. Clarlley.

Long Lake Lumber Company, Limited, Toronto, incorporated, capital $40,000, to manufacture lumber, shingles, etc. Directors, Alex. Mills, of Toronto, G. W. Hulburt, of Novar, Ont., and others.

Niagara Engine Works, Limited, Niagara-on-the-Lake, Ont., incorporated, capital $50,000, to manufacture gas and gasoline engines, etc. Directors, E. R. Lundy, of Niagara Falls, J. A. Keyes, of St. Catherines and others.

The Superior Portland Cement Company, Limited, has been authorized by letters patent to manufacture and sell in Ontario Portland cement, fire bricks, sewer pipes, stone, etc. The head office has been changed from Toronto to Orangeville.

Liskeard Brick, Coal & Lumber Company, Limited, Toronto, incorporated, to manufacture and deal in bricks, tile, lumber, etc. Directors, M. R. Jennings, J. H. Woods and H. J. Martin, all of Toronto.

Chester Silver Mining Company, Limited, New Liskeard, Ont., incorporated, capital $25,000. Directors, J. A. Pritchard, A. V. Summers and others.

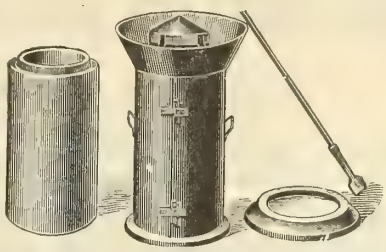
Economy Powder Company, Limited, Ottawa, incorporated, capital $10,000. Directors, J. T. Embree, A. W. Heim, and others.

Colonial Cordage Company, Toronto, incorporated, capital $50,000. Promoters, W. B. Converse, C. O. Pangman and S. I. LeHurry, of Montreal, and others.

Meyer-Thomas Company, Limited, Montreal, incorporated, capital $100,000, to manufacture boxes, etc., and to operate saw and planing mills. Promoters, N. A. Meyer, of Granby, Que., J. W. Thomas, of Montreal, and others.

Alexandar Oil and Developing Company, Toronto, incorporated, capital $100,000. Directors, A. R. Boswell, Joseph Montgomery, J. G. Shaw, H. W. Edgar and A. McGlasham.

Alberta Portland Cement Company, Limited, Toronto, incorporated, capital $100,000, to establish cement works at Calgary, Alta. Promoters, E. T. Malone, J. W. Mitchell, J. A. Fraser, of Toronto, R. P. Butchart, of Owen Sound, and others.



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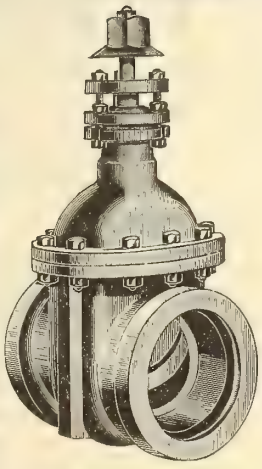

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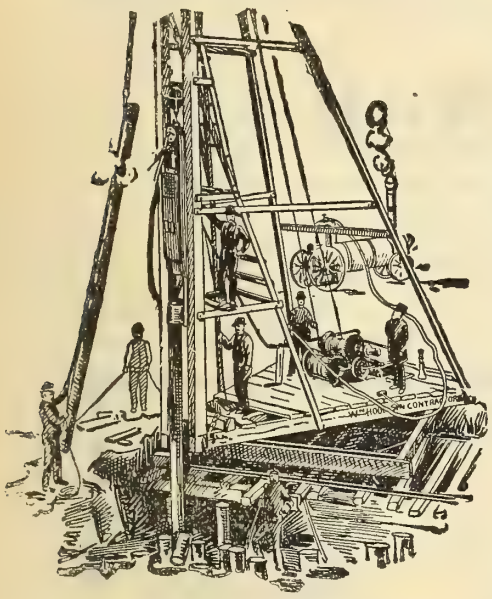

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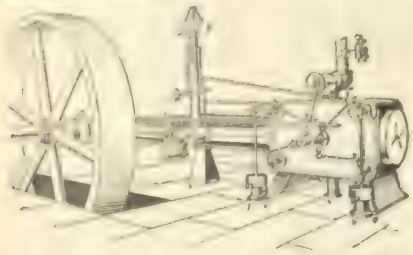

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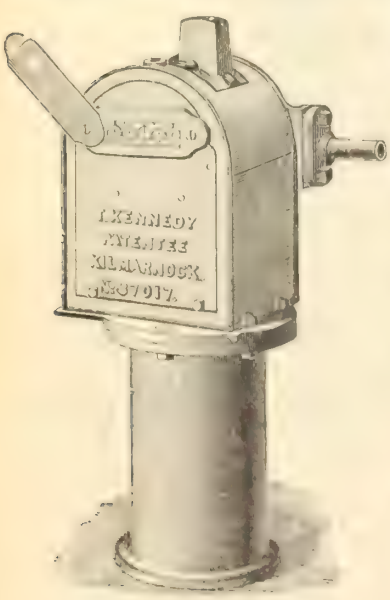

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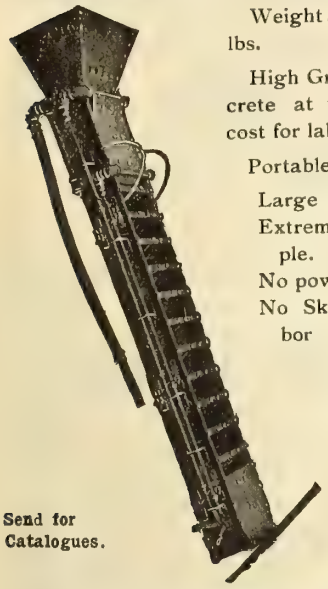

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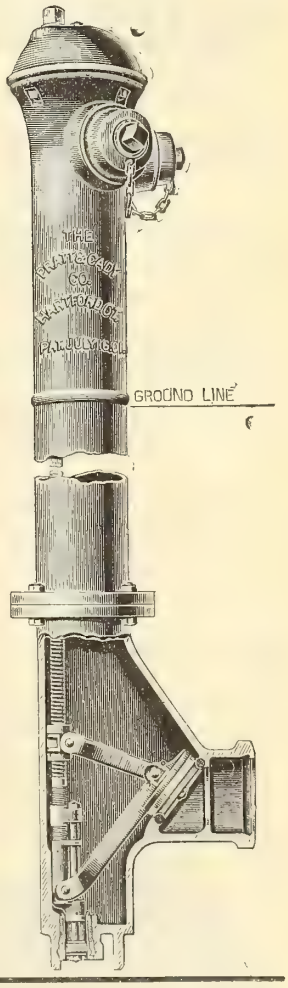

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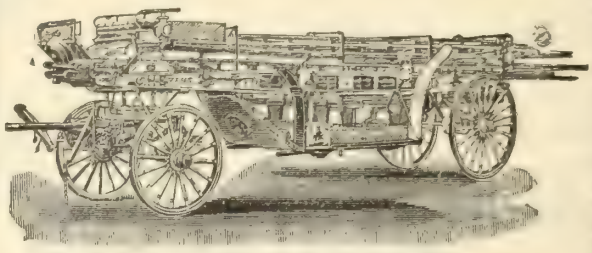

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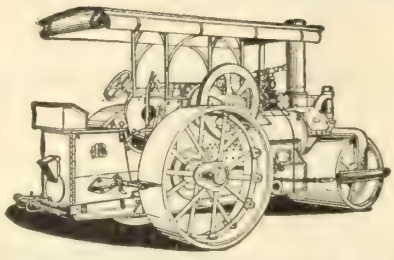

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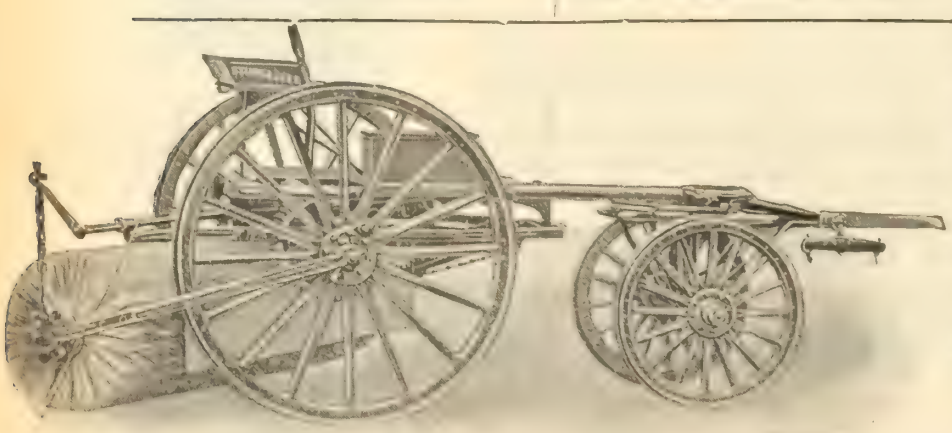

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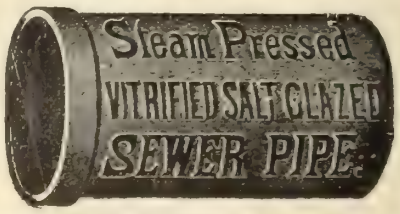

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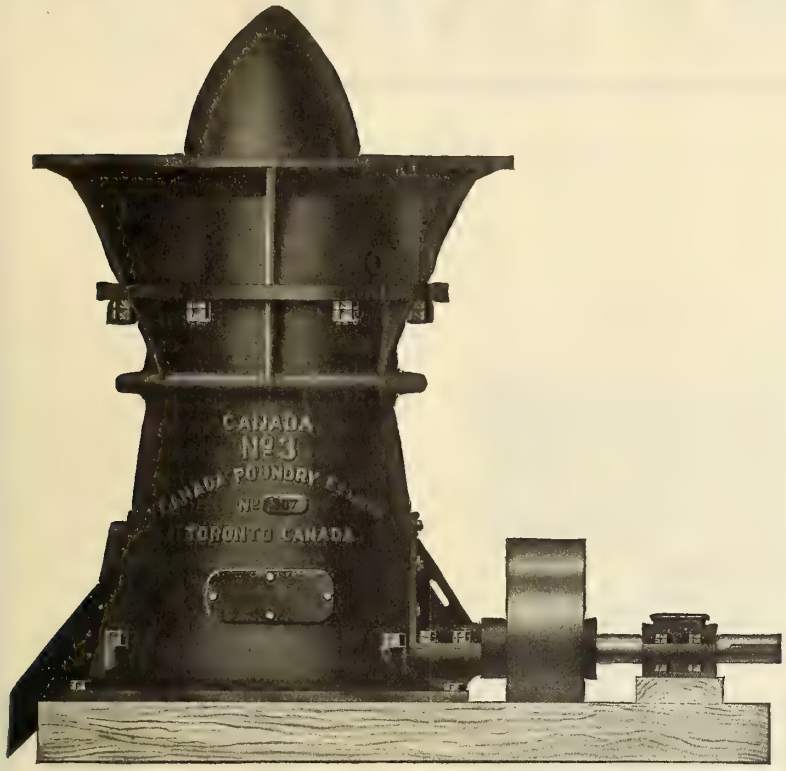

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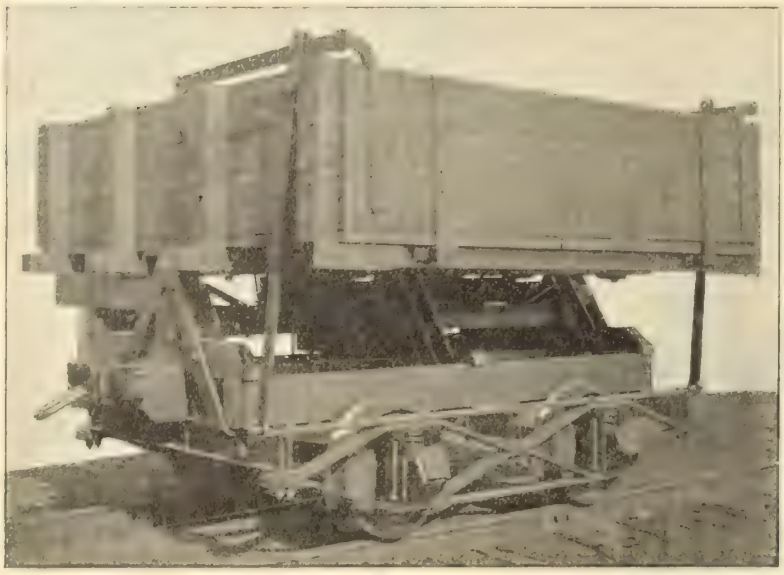

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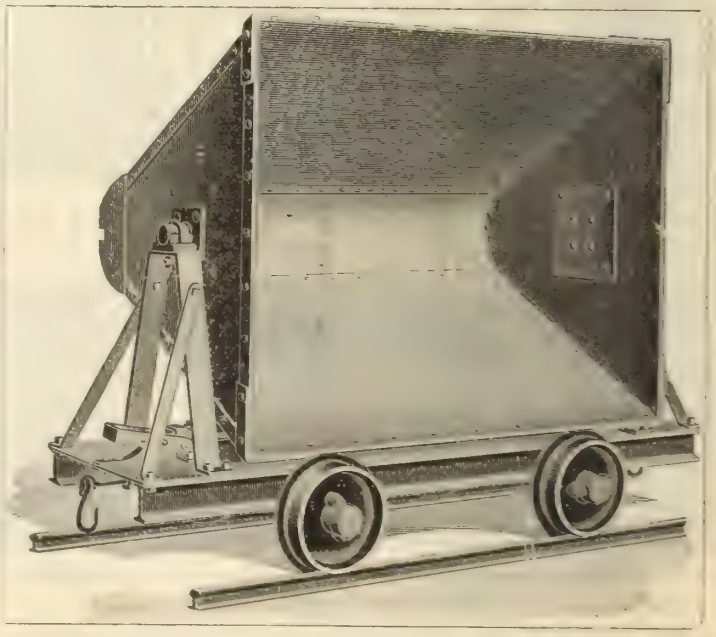

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CANADIAN

Contract Record

A Weekly Journal of Public Works, Tenders, Advance Information and Municipal Progress

This Paper Reaches Every Week the Town and City Clerks, Town and City Engineers, County Clerks and County Engineers, Purchasers of Municipal Debentures and Leading Contractors in All Lines Throughout Canada

VOL. 16. TORONTO, MONTREAL — NOVEMBER 8, 1905 — WINNIPEG, VANCOUVER No. 36

THE CANADIAN CONTRACT RECORD
PUBLISHED EVERY WEDNESDAY
As an Intermediate Edition of the Canadian Architect and Builder.

THE C. H. MORTIMER PUBLISHING COMPANY
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TO CONTRACTORS

Tenders for masonry and brickwork of a Synagogue in University Avenue, Toronto, for Goel T-Zedec Congregation will be received at the office of the undersigned until 5 p.m., FRIDAY, NOVEMBER 17TH.

The lowest or any tender not necessarily accepted.

SYMONS & RAE,
15 Toronto Street.

TENDERS FOR ANNUAL SUPPLIES

Tenders will be received, by registered post only, addressed to the Chairman of the Board of Control, City Hall, Toronto, up to noon on TUESDAY, NOVEMBER 21ST, 1905, for annual supplies for the year ending December 31st, 1906.

Lumber,	Crushed Stone,
Pit Gravel, screened and unscreened;	Paving Brick,
Sand,	Sewer Brick,
Cement,	Hydrants,
Sewer Pipe,	Horse Feed,
Brass and Bronze Castings,	Lubricating Oils,
Brass Work for House Services,	Boiler Purger,
Lead Pipe,	Rubber Valves, etc.
Stop Valves,	Iron Valve and Stop Cock Boxes,
Special Castings,	Iron and Steel,
	Curbing and Scantling,
	Hardware, etc.

Envelopes containing tenders must be plainly marked on the outside as to contents.

Specifications may be seen and forms of tender obtained at the office of the City Engineer, Toronto.

The usual conditions relating to tendering, as prescribed by city by-law, must be strictly complied with.

The lowest or any tender not necessarily accepted.

THOMAS URQUHART, (Mayor),
Chairman Board of Control.
City Hall, Toronto, November 4th, 1905.

Tenders Wanted

Tenders, addressed to the undersigned, will be received up till six o'clock WEDNESDAY, NOVEMBER 15TH, for the several trades required in the erection and completion of a large addition to the Church of Holy Angels at St. Thomas, Ont. Plans and specifications can be seen at the office of undersigned, also at the office of A. W. Holmes, Architect, 10 Bloor Street East, Toronto. The lowest or any tender not necessarily accepted.

N. R. DARRACH, Architect,
St. Thomas, Ont.

St. Thomas, November 4th, 1905.

Debentures for Sale

Sealed tenders will be received up to noon of SATURDAY, NOVEMBER 11TH, 1905, for the purchase of $41,000 Local Improvement Debentures of the Town of Oshawa, dated December 1st, 1905, bearing interest at 4½ per cent per annum, and repayable at the office of the Treasurer, Oshawa, in 30 equal annual instalments of principal and interest.

The highest or any tender not necessarily accepted.

THOS. MORRIS,
Town Clerk.

CONTRACTS OPEN.

FERNIE, B.C.—The Baptists intend erecting a church costing $2,000.

FENELON FALLS, ONT. — The Council are about to install a new system of arc lights.

FLORENCEVILLE, N. B. — The bridge across the St. John river at this place will be rebuilt.

MORRISBURG, ONT.—The Council will offer for sale $15,610.37 4½ per cent. 20 year debentures.

CASCADE, B. C.—The Dominion Copper Company have definitely decided to build a new smelter.

NEWCASTLE, N.B.—The extension of the electric light system to Bridgetown is under consideration.

EGLINTON, ONT. — The Baptist church congregation intend to either purchase or build a new church.

GODERICH, ONT.—The Doty Engine Works have purchased property with a view to extending their works.

KEMPTVILLE, ONT.—The project to build a combination agricultural hall and skating rink is making progress.

CALGARY, N. W. T.—The Alberta-Pacific Elevator Company propose to build a grain elevator here immediately.

NORTH TORONTO, ONT.—The Council have decided to invite tenders for installation of an electric light plant.

SPANISH MILLS, ONT. — The Wolverine Cedar Lumber Company, of Menominee, Mich., will build a saw mill here.

GLACE BAY, N. S.—The new foundry of the Dominion Coal Company will be 90 × 100 feet, of brick and steel, cost $25,000.

RENFREW, ONT.—John Mackay, Chairman Street Committee, will receive tenders up to December 1st for supply of 640 cords of stone.

LUMSDEN, N. W. T.—A by-law to raise $5,000 by debentures for the purchase of a chemical engine was carried hers a few days ago.

SOURIS, MAN.—The ratepayers last week carried a by-law to raise $5,000 to complete the fire hall and purchase fire fighting apparatus.

ST. JOHN, N.B. — The Common Council have appointed a committee to report on the installation of an elevator in the city building.

WOODSTOCK, ONT.—The Collegiate Institute Board will likely take up the question of erecting an addition to the building at an early date.

PORTAGE LA PRAIRIE, MAN.—It is believed that the Grand Trunk Pacific, Great Northern and Canadian Northern Railways will build a union station here.

WESTMEATH, ONT.—Tenders for building a public school in this village will be received by Alex. Fraser up to December 1st. Plans at office of J. L. Morris, Pembroke.

OTTAWA, ONT. — The plans of Architect Noffke have been accepted for proposed Fat Stock building, to be 340 × 120 feet, with annex 30 × 100 feet, three stories, cost $40,000.

GALT, ONT.—A deputation from this vicinity last week interviewed the Ontario Government and urged the establishment of a provincial experimental sewerage farm.

SASKATOON, N.W.T. — Grand Trunk Pacific engineers will commence work about the 15th inst. on surveys west of this place and contracts will be let before the end of the year.

MOOSE JAW, N. W. T.—The by-law to raise $30,000 by debentures for extension of the waterworks and electric light plants will be submitted to the ratepayers November 20th.

INGERSOLL, ONT.—The Board of Education have appointed a committee to furnish an estimate of the cost of building a kindergarten, manual training and domestic science school.

ORILLIA, ONT.—A joint committee of the Board of Trade and Town Council have been investigating septic tanks sewerage systems with a view to the adoption of such a system here.

AMHERST, N. S.—Plans have just been completed for a gravitation system of water supply from the south branch of the Maccan river at Nelson's dam, about 17 miles from the reservoir. The estimated cost is $180,000.

GANANOQUE, ONT.—The Thousand Island Park Association have decided to build a new freight dock, at an

estimated cost of $3,000, and to install an emergency pump or gasoline engine for fire protection purposes.

PORT STANLEY, ONT.—James A. Bell, C.E., St. Thomas, is preparing a report regarding the installation of a waterworks system for this village. The water will be pumped from the beach to a reservoir on the Fraser Heights.

CHIPPAWA, ONT.—J. H. Jackson, C.E., of Niagara Falls, Ont., has prepared an estimate for a system of waterworks for this village. The cost of a pumping station, plant, stand-pipe, mains and hydrants is placed at $24,600.

ARNPRIOR, ONT.—A meeting of Renfrew County Council has been called for the 23rd inst. to determine what steps should be taken towards the reconstruction of the Clay Bank bridge over the Madawaska river about three miles from this place.

CHARLOTTETOWN, P.E.I. — The new Intercolonial Railway station will be built at the corner of Water and Weymouth streets. It will be 118 × 140 feet, with baggage room attached, and built of Prince Edward Island red sandstone and Wallace redstone.

QUEBEC, QUE. — Engineers have commenced the surveys for the proposed railway to the Saguenay river to be constructed by a company with which Rodolphe Forget, of Montreal, is connected. There will be extensive rock cutting for some twelve miles.

PEMBROKE, ONT.—The Pembroke Electric Light Company have engaged R. S. Kelsch, C. E., of Montreal, in connection with the development of their water power at the Black river. About 4,000 horse power will be developed and the transmission will be 15 miles.

STRATFORD, ONT. — The Grand Trunk Railway Company have submitted to the City Council the conditions on which they will start work on the new depot next spring. The company have also accepted the city's proposition for the paving of Downie street, south of Shakespeare street.

CAMPBELLFORD, ONT. — At a meeting of the Board of Trade held last week, a resolution was passed memorializing the Town Council to submit a by-law to the ratepayers to raise a sum not less than $60,000 to construct a dam across the river at Crow Bay and install an electric light plant.

BRANTFORD, ONT. — The Public School Board have decided to employ an architect to report on alterations to two schools, one of which is condemned and the other overcrowded.—It is probable that a new fire hall will be erected on the property bounded by Dalhousie, Bridge and Centre streets.

EDMONTON, N.W.T.—Steps are to be taken towards the erection of a new Y M C.A. building.—A new hospital will be built on Tenth street, of brick, with accommodation for 55 patients.—It is understood that the Provincial Government are considering the construction of a traffic bridge across the river at Kipp.

VICTORIA, B. C.—F. Gourdeau, Deputy Minister of Marine and Fisheries, will receive tenders up to November 20th for construction of a lighthouse tower on Denman Island, Baynes Sound. Plans at the agency of the department in this city and at the post offices at Vancouver, New Westminster, Comox and Nanaimo.

SHIPPEGAN, N.B. — The Department of Public Works, Ottawa, desire tenders by 24th inst. for construction of a wharf at this place. Plans at the above department, at offices of E. T. P. Shewen, St. John, and Geoffrey Stead, Chatham, and on application to the postmaster here. Check for $1,700 to accompany each tender.

NIAGARA FALLS, ONT. — A. B. Jackson has purchased the Rowe property and proposes to erect a building containing two stores.—John Robinson, City Clerk, is asking for tenders by Saturday, 11th inst., for construction of Section No. 20 of the sewerage system, consisting of about 1,560 feet of 9-inch pipe, including rock excavation and appurtenances.

FREDERICTON, N. B.—C. H. LaBillois, Commissioner of Public Works, will receive tenders up to November 20th for rebuilding Wallace Mill bridge in Restigouche county. Plans at the above department, at residence of E. Bernard, Balmoral, and at office of the Dalhousie Mercantile Company, Dalhousie.—It is probable that repairs will be made to the International bridge between St. Stephen and Calais.

CORNWALL, ONT. — Thomas McGill, of Kearney, Ont., has submitted a proposition to the Town Council in regard to the establishment of a chair factory here. — A deputation of residents from the townships of Osnabruck, Cornwall and Roxborough interviewed the Ontario Government last week and asked for financial assistance towards the carrying out of a drainage scheme. It is planned to construct works to drain some 36,000 acres, at a cost of $76,000.

OWEN SOUND, ONT. — A committee of the Town Council have presented a report recommending that $150,000 be borrowed for the purpose of extending the waterworks system and electric light plant. The Provincial Board of Health have suggested that the water supply be obtained from the Sydenham river.—Tenders for construction of pits, etc., for the new rifle ranges at the Barfoot property have been forwarded to the Dominion Government.

PETERBORO, ONT. — A meeting was held last week to discuss fire protection, but no definite action was taken. —It is proposed to rebuild and enlarge the Bethel church.—Belcher & Heathcote, architects, have prepared plans for the new Chemong club house and tenders are now being taken.—It is understood that Dr. W. Bruce Smith, Provincial Inspector of Prisons, will recommend the erection of an Isolation hospital in this city, at a probable cost of $10,000.

HAMILTON, ONT. — Stewart & Witton, architects, have prepared plans for a three storey brick addition to the factory of the Norton Manufacturing Company at foot of Emerald street, cost about $10,000.—Generous contributions have been received for the proposed consumptive sanitarium.—David Henry will build two brick houses on Homewood ave., between Queen and Kent streets, at cost of $2,400 each.—The Parkin Elevator Company have commenced an addition to their plant.

TORONTO JUNCTION, ONT.—The building of a central fire hall was discussed by the Property Committee last week. — Building permits have been granted as follows: C. Proctor, two storey and attic dwelling, Annette street, cost $3,000; J. W. Butchard, brick-clad dwelling, Central Ave., cost $2,400; J. H. Hedge, two brick veneer dwellings, Uxbridge street, cost $1,600 each; G. L. Greeniaus, stone and brick dwelling, Quebec Ave., cost $2,400; C. A. Proctor, stone and brick dwelling, High Park Ave., cost $3,500.—The Kerr Manufacturing Company will shortly erect a factory on Pelham ave., for the manufacture of piano keys, actions, etc.

VANCOUVER, B.C.—The report of City Engineer Clement recommending that $300,000 be provided for sewers has been approved by the Board of Works, and a by-law will likely be submitted to the ratepayers in January. A vote may also be taken on a $200,000 by-law for the installation of a high level waterworks system.—It is reported that next spring work will be commenced on the Pacific, Omineca and Northern Railways, the charter for which was purchased some time ago by the Grand Trunk Pacific Railway Company.—Gibb & Son will erect a brick and stone hotel building on the corner of Cordova and Homer streets.—The Oriental Pulp and Paper Company will shortly commence the work of building a pulp mill at Swanson Bay. J. A. McKinnon, of this city, is the resident manager.

WINNIPEG, MAN. — The trustees of the Massey Estate, Toronto, have offered to donate $25,000 to Wesley College here towards building a ladies' residence, on condition that the board raise $50,000 from other sources.—The Bemis Bros. Bag Company, of St. Louis, Mo., have purchased the property on corner of Stanley street and Alexander ave., and will begin the erection of a building for the manufacture and printing of flour barrels.—At the annual meeting of the Children's Aid Society last week a committee was instructed to report on the building of a new home.—Stewart Mulvey, Secretary Public School Board, is taking tenders up to six p. m. of 9th inst., for erection of a two-room frame school building on the Children's Home site.—During the month of October 255 building permits were issued, covering 276 buildings, of an aggregate cost of $398,800. The permits to the end of last month represent a cost of $10,438,450.

MONTREAL, QUE.—The Ogilvie Flour Mills Company will purchase a number of motors, transformers, switchboards and fire pumps for their mills and elevators at Winnipeg and Fort William. R. S. Kelsch, of this city, is consulting engineer for the installation of this apparatus.—The Fire Committee have decided to postpone for the present the building of a fire station on Berthelet street.—Building permits have been granted as follows: Robert Brophy, Papineau street, six brick and wood dwellings, cost $8,000; Arthur Vallee, Chateuquay street, brick and wood dwelling, cost $3,000; William Hope, Dorchester street, brick and stone dwelling, cost $2,800; A. Jennings & Company, Wellington street, brick and wood work-house, cost $4,500; J. B. Deschamps, Park Lafontaine, brick and wood dwelling, cost $4,000.—Emanuel Congregational church have purchased 26,000 square feet of land on Drummond street and will build thereon a church to cost $100,000.—The residence to be built on Dorchester street by William Hope will be three stories, brick and stone, cost about $28,000.

TORONTO, ONT.—Mr. Jull, of Mark Fisher & Sons, has recently purchased the vacant property at the corner of South Drive and Crescent Road, Rosedale, for the purpose of erecting thereon a residence.—A. B. Ritchie, manufacturers' agent, McKinnon Building, has purchased land on which to build a residence at the corner of South Drive and Glen Road, Rosedale.—Symons & Rae, architects, 15 Toronto street, are asking for tenders up to Friday, 17th inst., for masonry and brickwork of a synagogue to be built on University avenue for Goel T Zedec congregation.—S. Frank Wilson has purchased the land comprising from No. 83 to 89 Adelaide west and is having plans prepared for a ten storey office building to be built thereon, of steel and concrete construction, at an estimated cost of $50,000.—The Ontario Government will call for new tenders for the bridges in Northern Ontario, the contracts for which were recently awarded to the Hamilton Bridge Company and subsequently relinquished by Mr. Hendrie, M.P.P., the president of the company.—

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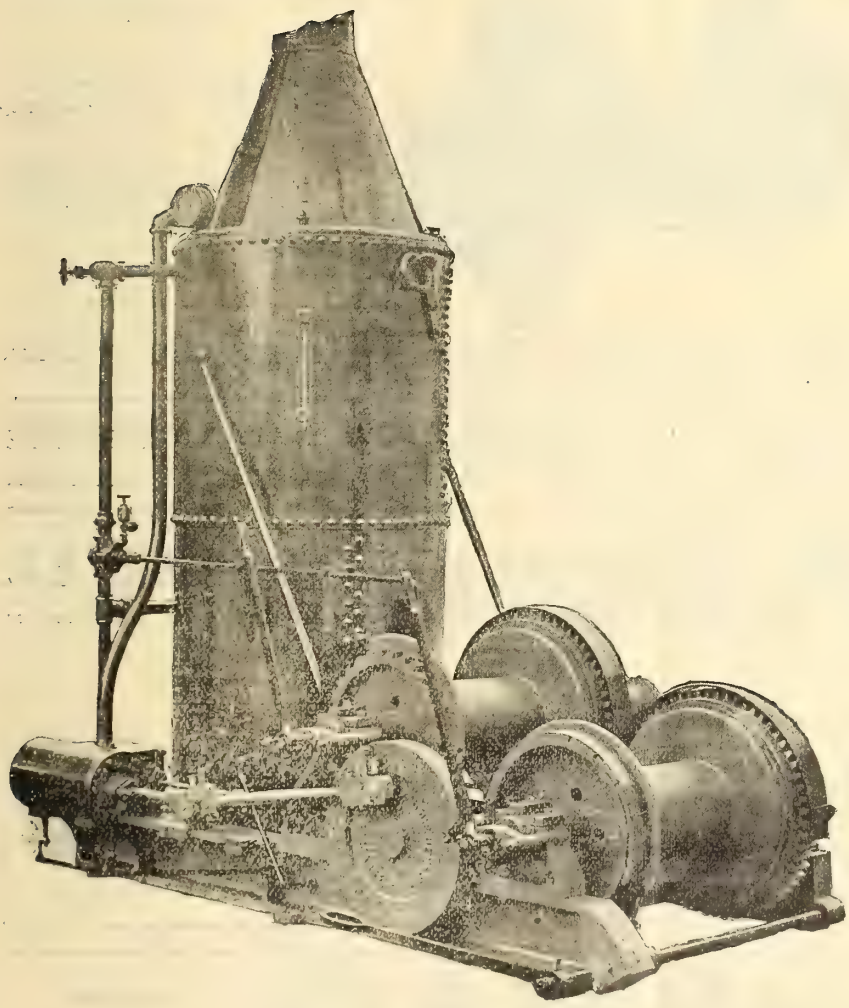

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MONTREAL

The James Morgan Brass Manufacturing Company have leased the south-east corner of Adelaide and York streets and will replace the buildings thereon by modern structures suitable for the company's business.—A lady who desires her name withheld has donated the necessary funds for the erection of a school of expression in connection with Toronto University. The building will be erected on North street, of brick, and will cost about $15,000.—An addition will be built to the Home for Incurable Children on Avenue Road, this having been decided at the annual meeting held last week. The cost will be about $25,000.—S. Price & Sons propose to erect a dairy building at 255 Queen street east.—E. J. Lennox, architect, has prepared plans for an addition to the factory of Stauntons, Limited, paper manufacturers, on Yonge street, to cost $40,000.—The erection of stables for Col. Pellatt will, it is said, be started this year.—It is reported that A.M. Orpen has disposed of his property opposite the City Hall to a New York syndicate, who will build thereon a first-class theatre.—Hon. Dr. Reaume, Minister of Public Works, is considering the question of building an addition to Osgoode Hall.—The City Engineer has reported that the approximate cost of extending Bloor street from Sherbourne street to Danforth ave. would be $300,000, and of constructing a subway from Bloor street west under all the railway tracks between Dundas street and Lansdowne ave., $200,000.—A company is in process of formation to establish large car works in this city. It is said that the capital will be $500,000.—The City Engineer has recommended the installation of modern coal handling machinery at the main pumping station, at a cost of $12,000.—A. J. Small, on behalf of the Klaw & Erlanger syndicate, has purchased the Grand Opera House property and it is said that a new theatre will be built on the site.—D. B. Bowerman has purchased a block of land on north side of Vermont avenue, on which he will build a number of residences.—The City Engineer has recommended the construction of the following pavements: Delaware ave., from Bloor to Shanley st., asphalt, $7,728, and from Shanley to Van Horne st., $13,986; Rusholme road, from Hepbourne to Bloor st., asphalt, $4,167; Northcote ave., from Queen to Afton ave., bitulithic, $10,876; Argyle st., from Dovercourt road to Gladstone ave., bitulithic, $564; Howie ave., from Clark st. to north end, tar macadam, $2,586.—Building permits have been granted as follows: L. S. Jackson, pair two-storey and attic brick dwellings, west side Shaw street, near Bloor, cost $6,000; Phippen Bros., pair two-storey dwellings, brick front, Howie ave., cost $2,400; Mr. Baiff, alterations to two brick fronted dwellings, Turner ave., cost $3,000; W. G. Simpson, pair two and a half storey brick and stone dwellings, Delaware ave., near Shanley st., cost $4,500; J. Orr, pair two-storey and attic brick and stone dwellings, Beatrice st., cost $5,000; Mrs. S. Barton, pair two-storey and attic brick dwellings, Barton ave., cost $5,000; Charles Buckner, two-storey brick fronted dwelling, Booth ave., cost $1,200; Mrs. M Murphy, pair two and a half storey brick and stone dwellings, Bernard ave., near Avenue Road, cost $7,000.—Tenders are invited by the Board of Control up to Tuesday, 21st inst., for annual supplies.—The Board of Harbor Commissioners held a meeting on Monday last to consider what improvements should be made to the harbor.

The Nordheimer Building Company, Montreal, have dissolved.

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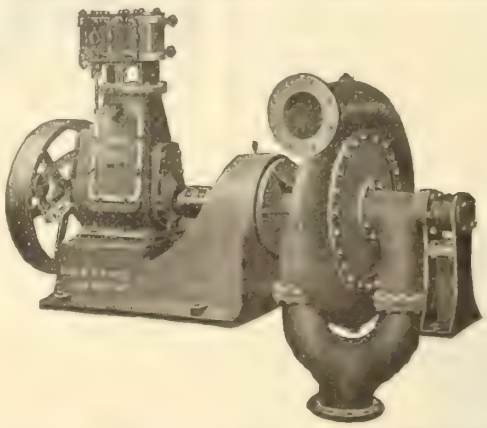

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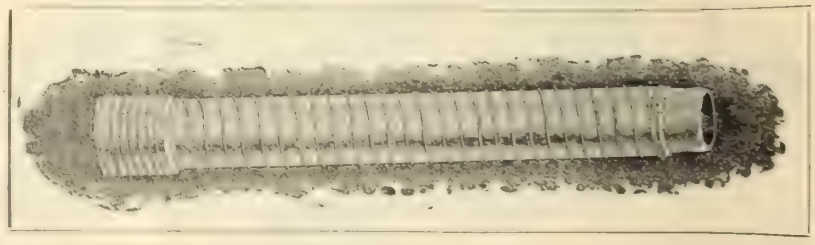

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CONTRACTS AWARDED.

CORNWALL, ONT.—The tender of C. H. Clark has been accepted for construction of two sewers.

CRANBROOK, B.C. — The contract has been let for an extensive addition to the Frank smelter.

SARNIA, ONT.—Residence on Davis street for Mrs. Johnston: James Shanks, contractor, cost about $4,000.

LEVI, QUE.—The contract for a steam power plant for the waterworks has been let to Dussault & Power for $10,500.

LETHBRIDGE, N.W.T.—Union depot for C.P.R. and Alberta Railway: Smith Bros. & Wilson, successful tenderers.

WATERLOO, ONT.—The contract for laying a four-inch main on Erb street has been let to Liphardt Bros., at 17½ cents per foot.

MONTREAL, QUE.—Pumping station at Point St. Charles: Masonry, etc., Cote & Marsan, $3,486; carpentry, Charles Bernard, $920.

MIDLAND, ONT.—The tender of W. C. Brent, Toronto, has been accepted for purchase of $8,000 town debentures, at a premium of $29.

FREDERICTON, N.B.—The contract for rebuilding the Forest Glen bridge in parish of Salisbury has been let to McLaggan & Boone.

FLORENCE, ONT. — McDonald & Cragg have been awarded the contract for heating the Methodist church here with Kelsey generators.

MITCHELL, ONT.—A. Hill & Company, this place, have secured the contract for a 70 foot steel bridge over the Maitland river in Howick County.

BRANTFORD, ONT. — Addition to factory of Waterous Engine Works Company: Schultz Bros., contractors; 215 x 45 feet, three stories, cost about $8,000.

CHIPMAN, N.B.—The contract for heating and ventilating the public school here has been let to H. H. Dryden, of Sussex. Two Kelsey generators will be used.

FORT WILLIAM, ONT.—Overn & Olson, railway contractors, have secured a sub-contract for construction of two miles of railway near Kakabeka for the Grand Trunk Pacific Railway.

CAYUGA, ONT.—The American Glass Company have bought a site here for a Canadian branch and have awarded the contract for the structural steel work to the Hamilton Bridge Company.

NIAGARA FALLS, ONT.—Erection of hospital building: Masonry, John T. Blair, $5,600; carpentry, H. M. Robertson, $5,397; plumbing, J. E. Sume, $1,490.40; painting and glazing, J. H. Kelsey & Son, $487.43.

TORONTO, ONT.—The Canada Foundry Company have been awarded the contract for supply of 8 and 12 inch valves for the high pressure fire system, while M. & L. Samuel, Benjamin & Company will supply the 20-inch valves.—H. O'Hara & Company were the successful tenderers for $10,500 4½ per cent. debentures of the Township of York.

GODERICH, ONT. — Following are the offers received by the Town Council for purchase of $6,000 twenty year 4½ per cent. debentures, all with accrued interest excepting that of G. A. Stimson & Company: H. O'Hara & Co., $6,060; G.A. Stimson & Co., $6,271; Wm. C. Brant, $6,053; Ontario Securities Co., $6,035; Woodman of the World, $6,118; Wood, Gundy & Co., $6,061; A. E. Jarvis & Co., $6,071; Canadian Securities Co., $6,015; Dominion Securities Co., $6,100.

FIRES.

Residence of George W. Bennett, Township Clerk of North Monagahn, near Peterboro, Ont., loss $2,000.—Buildings of the Petrolia Packing Company, Petrolia, Ont., totally destroyed; loss $125,000.—Factory of the Vancouver Nail Company, Vancouver, B.C., loss $40,000.—Residence of Thomas Kyle at Sussex, N. B.—The Button block at Wingham, Ont., owned by W. Frank Vanstone, was destroyed by fire on November 1st; loss $12,000.—Premises of the Major Manufacturing Company, manufacturers of paper boxes and wire goods, Montreal, damaged to extent of $60,000. Building owned by Hon. Louis Beaubien.

The dissolution is announced of Bush Bros., contractors' and builders' supplies, Sherbrooke, Que.

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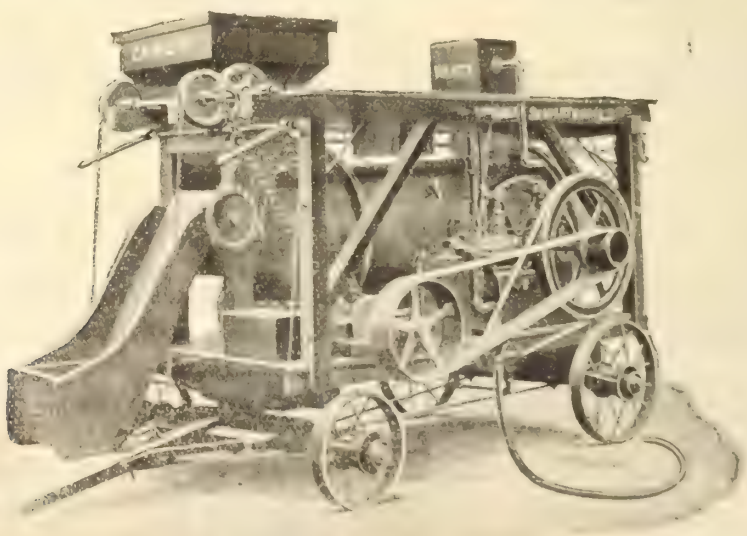

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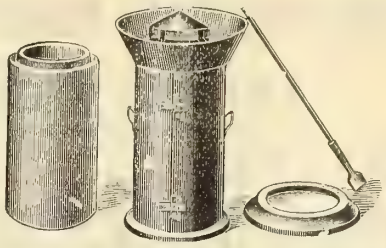

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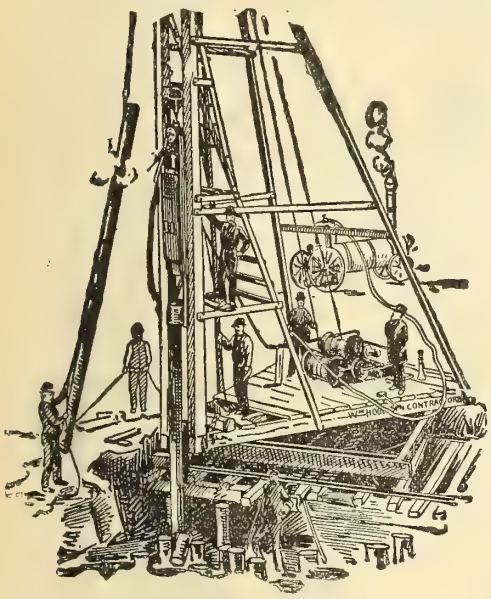

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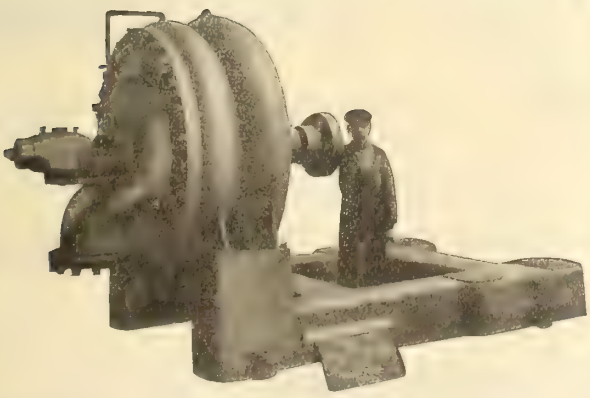

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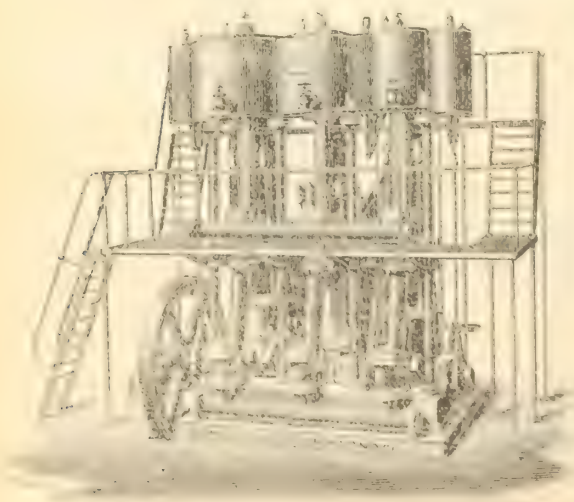

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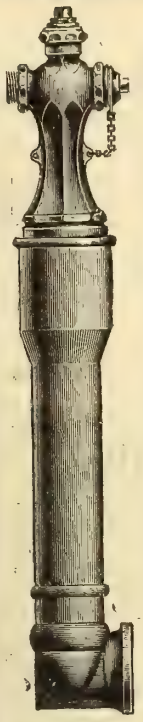

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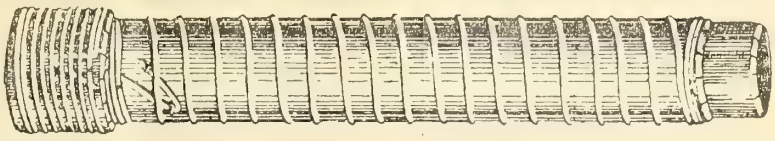

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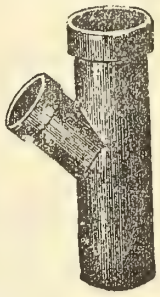

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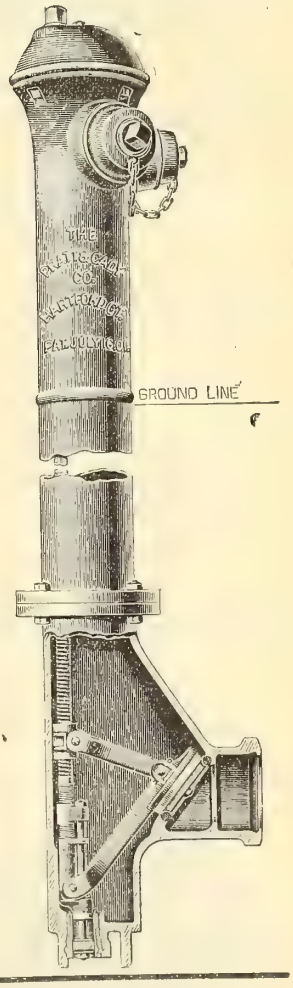

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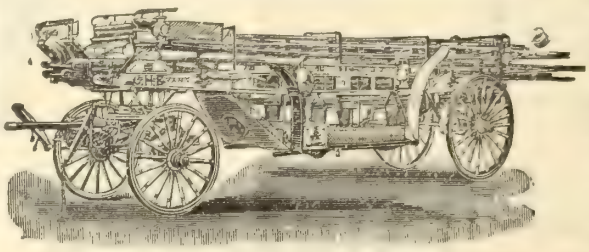

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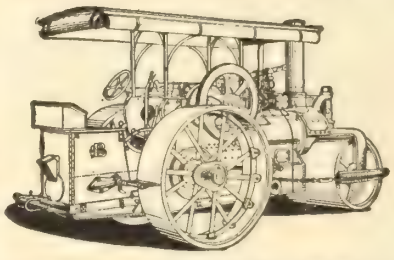

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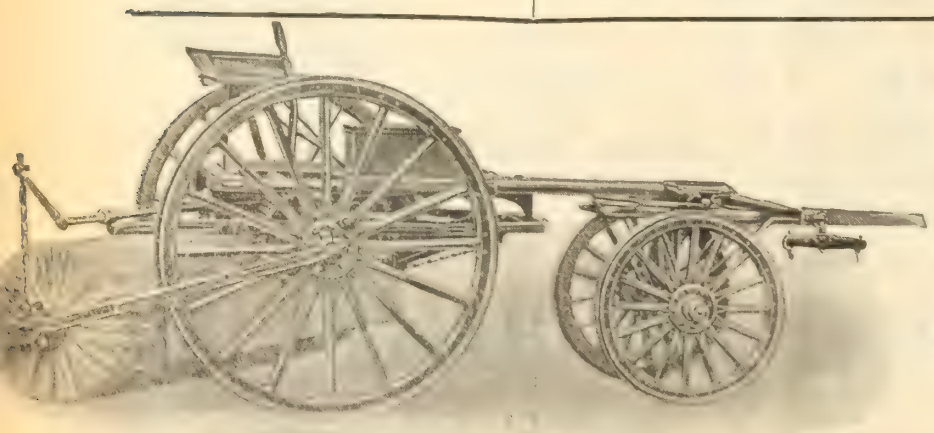

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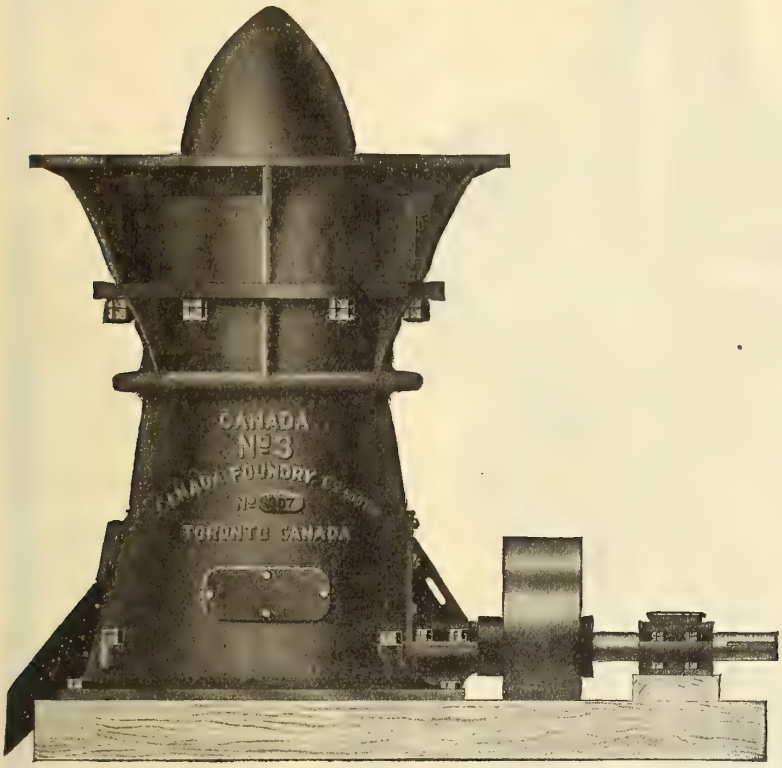

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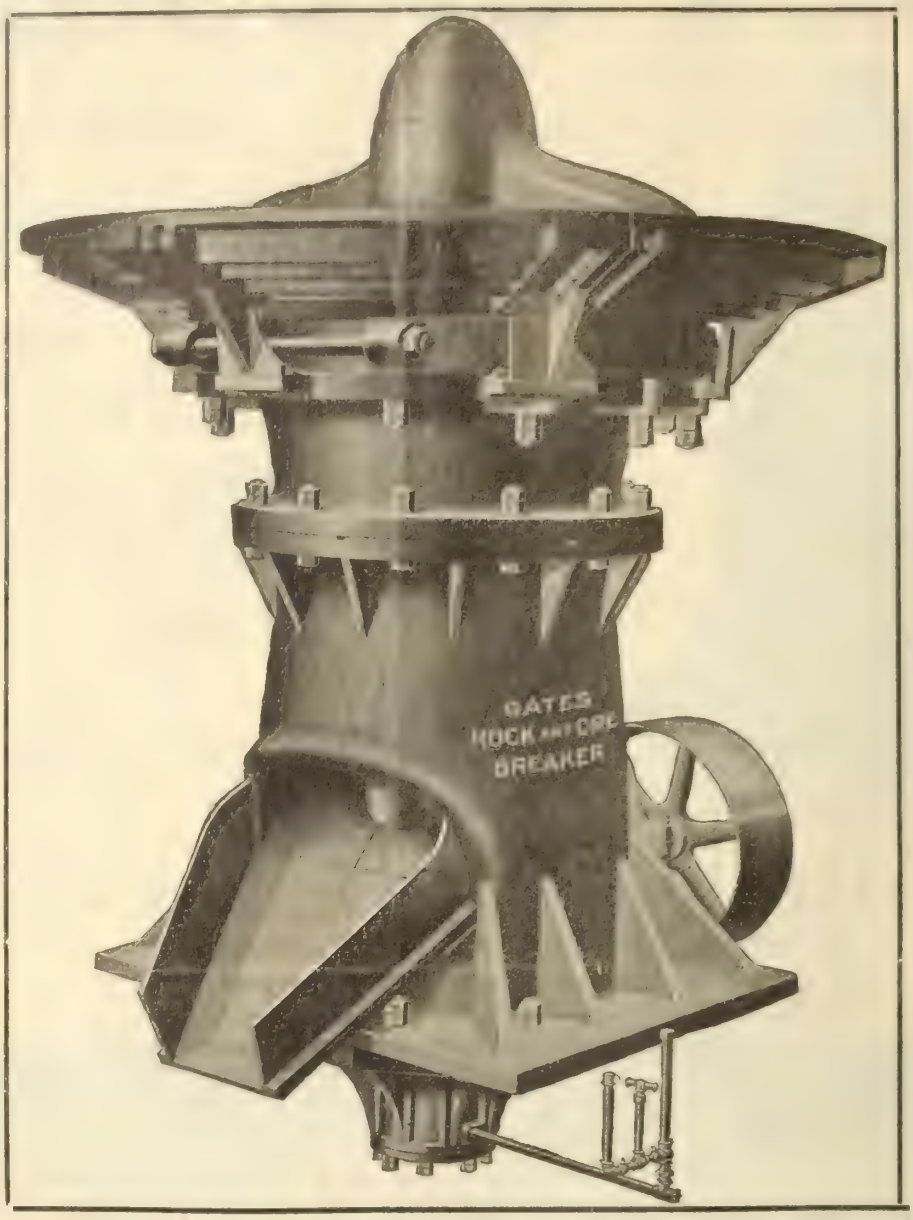

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Contract Record

A Weekly Journal of Public Works, Tenders, Advance Information and Municipal Progress

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VOL. 16. TORONTO, MONTREAL — NOVEMBER 15, 1905 — WINNIPEG, VANCOUVER No. 37

THE CANADIAN CONTRACT RECORD
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Debentures for Sale

The Town of Red Deer, Alberta, have the following Municipal debentures for sale :—
$10,000 ten years bearing 5%.
$4,000 five " " 5%.
$1, 00 five " " 5%.
Tenders for the whole or part thereof will be received by the undersigned up to noon the 31ST DAY OF DECEMBER, 1905.
The highest or any tender not necessarily accepted.

L. C. FULMER,
Secty.-Treas.

CITY OF WINNIPEG.

Tenders for Gas Producer Plant

Sealed tenders addressed to Ald. J. C. Gibson, Chairman Fire, Water and Light Committee, for supply of Producer Gas Plant of capacity of 2,500 continuous Engine Brake Horse Power, will be received up to 3.30 p.m. on

MONDAY, DECEMBER 18TH, 1905.

Specifications and forms of tenders may be obtained upon application to H. N. Ruttan, City Engineer, Winnipeg, Canada.

Each tender must be accompanied by an accepted cheque, draft or cash deposit for the sum called for in the form of tender supplied, which will be subject to forfeiture in case of failure on the part of the contractor to enter into a written contract with approved sureties if called upon to do so.

The City reserves the right to reject any or all tenders or to accept any bid which appears advantageous to the City of Winnipeg.

C. J. BROWN,
City Clerk.

City Clerk's Office,
Winnipeg, Nov. 7th, 1905.

The assets of O. Legare, contractor, Quebec, Que., are to be sold on the 19th inst.

CONTRACTS OPEN.

ARTHUR, ONT.—An addition to the High school is proposed.

RAMA, ONT.—A new brick church will be erected here, cost $2,000.

WOODSTOCK, N.B.—A new building will be built by the Salvation Army.

PARRY SOUND, ONT.—The Town Council propose to construct a septic tank.

PARIS, ONT.—The Grand Trunk Railway contemplate erecting a new station here.

DAUPHIN, MAN. — The Massey-Harris Company will erect a large track warehouse here.

EGLINTON, ONT.—W. J. Short will shortly commence the erection of four houses on Broadway.

GUELPH, ONT.—The installation of a filter system for the waterworks has been postponed until next year.

KINGSTON, ONT.—William Newlands, architect, has prepared plans for alterations to the city buildings.

WESTMEATH, ONT.—Bids will be received by Alex. Fraser up to December 1st for purchase of school debentures.

PETERBORO, ONT.—It is understood that the question of building a new Catholic church is under consideration.

TRURO, N. S.—The Bank of Nova Scotia is reported to have purchased a site here on which to erect a bank building.

STRATFORD, ONT.—J. S. Schwartz & Heiman, of Berlin, have purchased the old Jarvis block and intend remodelling it.

DELORIMIER, QUE.—The Council have ordered the immediate construction of drains and water pipes on Bordeau street.

CLINTON, ONT.—A by-law guaranteeing the bonds of the Clinton Threshing Machine Company was carried here last week.

ST. BONIFACE, MAN.—The Council have passed a by-law to issue $30,000 of debentures for the erection of a school house.

NEW LISKEARD, ONT. — The proposition to establish waterworks and electric light systems was voted down last week.

BRANDON, MAN.—A by-law will be submitted to the ratepayers next month to raise funds for building a new Collegiate Institute.

KEEWATIN, ONT.—A meeting of the Keewatin Lumber Company will be held this week to discuss the rebuilding of their saw mill.

AYLMER, ONT.—A by-law to grant a loan of $20,000 to the Aylmer Iron Works will be submitted to the electors on the 28th inst.

ALLANDALE, ONT.—The Y.M.C.A. building to be built by the Grand Trunk Railway will not likely be commenced before next spring.

ST. THOMAS, ONT.—The Board of Health has recommended the construction of sewers on portions of East, Lydia and Elysian streets.

WOLFVILLE, N.S.—A public meeting has been called for the 22nd inst. for the purpose of voting money for waterworks improvements.

MOONSTONE, ONT.—The County Council will be asked to build a new bridge over the Sturgeon river on the town line of Medonte and Tay.

EDMONTON, N.W.T.—It is understood that the Dominion Government will build a new post office here provided a site is furnished by the city.

LACHINE, QUE. — The residents have authorized a by-law for the issue of $75,000 of debentures for waterworks, sewerage and electric light.

KILLARNEY, ONT.—A railroad is to be built at once from this place to the Moose Mountain ore deposits. Mackenzie & Mann are interested.

WELLAND, ONT.—J. H. Jackson, C.E., of Niagara Falls, estimates the cost of waterworks extension to the Plymouth Cordage Company's plant at $9,500.

NORTH TORONTO, ONT.—It is estimated that the proposed electric light plant will cost about $20,000. A vote of the ratepayers will be taken in January.

SYDNEY MINES, N.S.—A.A. Wanless, Secretary St. Andrew's Presbyterian Church, will receive tenders up to Monday, 20th inst., for erection of a new church.

GODERICH, ONT. — The Town Council have decided to ask C. H. Rust, C.E., of Toronto, to report as to the best means of improving the water supply of this town.

FERNIE, B. C.—The by-law authorizing the Council to enter into a ten-year agreement for a water supply was carried last week, also a by-law providing for a sewerage system.

PORT HOPE, ONT. — The agreement between the Town Council and the Standard Ideal Company has been arranged. The latter will erect buildings costing not less than $8,000.

WINGHAM, ONT.—A by-law will be submitted to the ratepayers in January to issue debentures for $1,500 to cover the cost of repairs to dam and a new bridge at Water street.

ORILLIA, ONT.—At the November meeting of the Town Council, a report on a sewerage system for the town was submitted by the Mayor, and steps towards construction are likely to be taken immediately.

DUNDAS, ONT. — The Provincial Board of Health have recommended that a filtration system be established if a water supply is obtained from either the Dundas creek or the canal basin.

BRANTFORD, ONT.—It is understood that Mr. Bishop, of Toronto, who recently inspected the Huron and Darling street schools in this city, will recommend that new buildings be erected.

SARNIA, ONT.—J.D. Stewart, Town Clerk, gives notice of a debenture issue of $15,990.20, for the purpose of completing the Durand street school and for improvements to the Model and Central schools.

SUMMERSIDE, P.E.I.—It is understood that a number of business men have had surveys made for an electric railway connecting Summerside, St. Eleanor's, Traveller's Rest, New Annan and Kensington.

HEADINGLY, MAN.—C. W. Johnstone will receive tenders up to 16th inst. for erection of a four room frame school on stone foundation. Excavating to be done this fall. Plans by F. R. Evans, architect, Winnipeg.

GALT, ONT.—A by-law granting loan of $12,000 to Jackson Waggon Works Company, of St. George, to build a factory here, was carried on the 9th inst.—Ald. Cameron has introduced a by-law in the Council to borrow $100,000 for sewer constructiou.

LONDON, ONT.—A by-law to issue $10,000 of debentures to purchase another steam fire engine will be submitted to the ratepayers.—The Government Inspector has called the attention of the Council to the fact that the city has not as yet provided an Isolation hospital.

MONCTON, N. B. — D. Pottinger, manager Intercolonial Railway, requests tenders by Saturday, 18th inst., for construction of a spur line of railway, about 1.18 miles in length, from Fort Lawrence to Fort Lawrence Wharf, near Amherst, N. S.

AMHERST, N.S.—The Eastern Coal Company, with headquarters at Toronto, purpose carrying on operations in the vicinity of Maccan. Modern equipment will be installed and a number of workmen's cottages erected. J. K. Kerr, K.C., Toronto, is president.

VICTORIA, B.C.—F. M. Rattenbury, architect, is calling for tenders for the erection of a new building, corner of Fort and Langley streets, for the British Columbia Electric Railway Company. It will be 50 × 90 feet, two stories, of grey pressed brick, cost about $60,000.

ST. CATHARINES, ONT.—A site has been purchased at corner Church and Ontario streets for a new rectory for St. Thomas' church, of which Rev. N. I. Perry is pastor. — The Public School Board will send a committee to other cities to inspect school buildings, the intention being to build a new school here.

MOOSE JAW, N. W. T.—The Canadian Bank of Commerce will erect a fine office building here next year.—The City Council contemplate calling for tenders for boring of a well for gas to a depth of 2,500 feet. John D. Simpson, Secretary-Treasurer, will be glad to receive correspondence from persons interested.

PHOENIX, B. C.—The construction bonds of the Midland and Vernon Railway have been underwritten by European capitalists and the contract for the entire construction of the line will be awarded at an early date. D. H. McDowell, of Victoria, is secretary-treasurer of the company.

PORT STANLEY, ONT.—The report of James A. Bell, C.E., on a water supply for this place, has been submitted. He recommends that the supply be taken from the beach in front of the Fraser Hill, which would necessitate the construction of a pump house and steel stand pipe, together with mains.

BROCKVILLE, ONT.—Sketches and plans were submitted and approved at last meeting of the Town Council for an improved opera house and the committee authorized to make arrangements for same.—Tenders for erection of a grand stand on the fair grounds will be received by L. N. Phelphs up to November 30th.

FORT WILLIAM, ONT.—The J. Y. Griffin Company, of Winnipeg, have purchased a site here for their proposed plant and will commence work at once on construction of warehouse and cold storage buildings.—D. I. Miller, of Sault St. Marie, has purchased considerable property in the Way and addition and purposes building houses thereon.

HALIFAX, N.S.—Tenders are invited by the Department of Public Works, Ottawa, up to Friday, 17th inst., for construction of a quarantine barn here. Plans on application to C. E. W. Dodwell.—The Canadian Bank of Commerce have purchased a site in the centre of the business district on which to erect a modern bank building.

ST. JOHN, N. B.—Tenders for building two quarantine barns in this city will be received by the Department of Public Works, Ottawa, up to Friday, 17th inst. Plans on application to D.H. Waterbury, Dominion Public Works Office. — The Salvation Army propose to erect a new building in this city next spring.

TORONTO JUNCTION, ONT. — The Nordheimer Company contemplate the erection of a large addition to their factory buildings.—The question of building an Orange hall is under consideration.—A new Baptist church will be erected at corner of High Park avenue and Annette street, cost about $16,000.

NEW WESTMINSTER, B.C. — W. S. Dwinnell and associates, of Minneapolis, intend building a large saw mill on the Fraser river.—The Board of School Trustees are discussing means of providing increased school accommodation.—The City Council are planning extensive additions to the market on Front street.—Plans are being prepared for extensive docks to be built on the Fraser river by the Vancouver, Westminster & Yukon Railway Company.

OWEN SOUND, ONT.—Willis Chipman, C. E., of Toronto, has reported that a gravity system of waterworks would cost about $110,000, and a pumping plant about $175,000. He recommends that the town adopt the meter system, as the cost of installing the necessary meters would not be above $40,000.—The ratepayers will vote on a by-law on December 2nd, to raise $12,500 for the construction of a steel bridge over the Sydenham river.

HAMILTON, ONT. — The Sewers Committee have decided to construct the east end annex drainage system under the local improvement plan.—A permit has been granted for the Federal Life Assurance Company's new building, the cost being placed at $300,000.—H. Hodgkiss will erect a brick residence on Main street, between Wentworth street and Sanford avenue, cost $4,500. — Mr. Phœnix has purchased the north-west corner of Barton and Macnab streets as a site for a handsome residence.—Building lots have been purchased by Alanson Moote, J. A. C. Morrow, Thomas Fanning, Michael McKenna and B. R. G. Penson.

WINNIPEG, MAN.—The Provincial Public Works Department propose to construct certain drains in Townships 35, 36 and 37.—New tenders are invited by the City Clerk up to Monday, December 18th, for supply of a producer gas plant of 2,500 horse power capacity. Specifications on application to the City Engineer.—The Children's Aid Society have appointed a committee to report as to ways and means of building a new shelter.—A by-law may be submitted to the ratepayers to provide funds for three bridges. — Plans of four room frame school building to be erected at Headingly may be seen at the office of F. R. Evans, architect, this city. Tenders close 16th inst.—H. Radford is having plans prepared for a six-storey building to be built next year on the north-west corner of Market and Louise streets, the basement and ground floor for wholesale warehouse purposes and the upper floors for commercial sample rooms.

OTTAWA, ONT.—C.S.O. Boudreault, Chairman Fire and Light Committee, will receive tenders up to Thursday, 16th inst., for supply of a hook and ladder truck for the city.—Work on the Fat Stock Show building will not be commenced till next spring.—A member of the Council has given notice of motion that the sum of $50,000 be provided for the establishment of a garbage system.—It is understood that the Central Canada Exhibition Association will make extensive improvements, including the doubling of the platforms and a new grand-stand.—The proposed changes to the Parliamentary library, which will include the enlargement of the entrance from the reading room to the library and the erection of an additional storey over that portion, will not likely be commenced before next spring.—Plans have been accepted by the Government for an ice-breaker for Prince Edward Island, to comprise a twin-screw steamer 260 feet long. Tenders for construction will shortly be invited.—The Victoria Yacht Club house at Aylmer will be rebuilt.—The Ottawa Electric Railway Company are considering the building of a new boat house at Britannia.

MONTREAL, QUE. — David R. Brown, architect, is preparing plans for the new edifice to be built by the Emmanuel Congregational Church on Drummond street, near Sherbrooke. The building, which will be commenced next spring, will cost upwards of $100,000. —The Richelieu & Ontario Navigation Company are figuring on the building of three new steamers.—Robert Findlay is the architect for the five-storey brick and stone building to be erected at the corner of St. Antoine and Genevieve streets.—At the annual meeting of the McGill College Avenue Synagogue last week, a committee was appointed to secure options on property with a view to erecting a large synagogue in the west end of the city.—Building permits have been granted as follows: Catholic School Commissioners of Montreal, brick and stone school building, Fullum street, cost $40,000; Quebec Bank, St. Catherine street, brick and stone bank, cost $26,000; C. Coustois, Berrie street, brick and stone dwelling, cost $3,000; L. H. Packard & Co., St. Antoine street, brick and stone factory, cost $40,000; Robert Brophy, Papineau street, six brick and wood dwellings, cost $8,000; W. Graham Brown, repairs to dwelling, University street, cost $3,800.—Tenders are requested by the Department of Public Works, Ottawa, up to Friday, December 1, for construction of a central pneumatic postal station in this city. Plans on application to Maurice Parreault, architect. — The Harbor Commissioners, at their regular meeting last week, expressed themselves in favor of the construction of new shore wharves from Victoria pier to Laurier pier. They will be about 250 feet wide and will cost in the neighborhood of $3,000,000.

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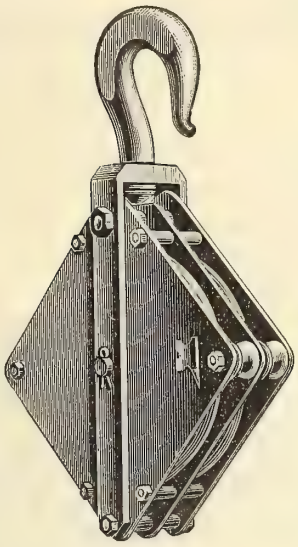

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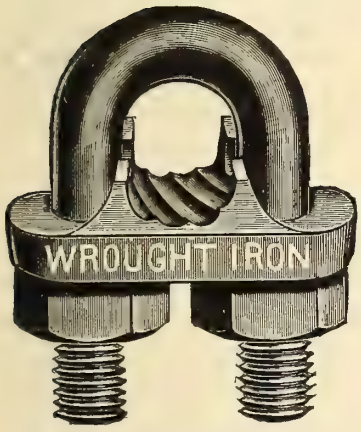

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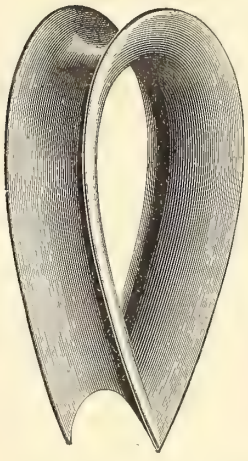

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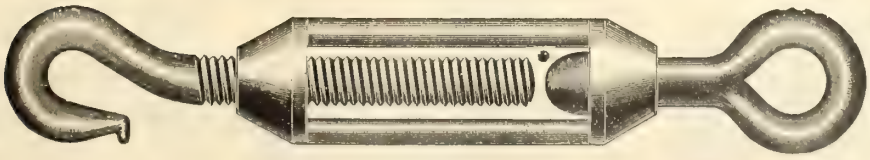

VANCOUVER, B. C.—The British Columbia Wire & Nail Company have decided to rebuild their factory destroyed by fire last week.—Parr & Fee, architects, have prepared plans for a five-storey hotel to be built by A. Colori, of the Europe Hotel, to cost $75,000.—The three Masonic lodges of this city have purchased a site on corner of Georgia and Seymour streets for a new temple, and a joint stock company is being formed to carry out the project.—The Board of School Trustees are looking for a site in Fairview West on which to build a new school next year.—The British Columbia Electric Railway Company intend further extending their system to the farming districts.—By-laws have been introduced in the Council to raise $30,000 for sewer purposes, $75,000 for wooden block pavements, $106,000 for paving of lanes, and $173,000 for cement walks.—Hooper & Watkins, architects, have prepared plans for a new Japanese mission building to be constructed shortly at the corner of Jackson avenue and Powell street, cost about $10,000.—The C.P.R. are considering plans to overcome the heavy grades in the Rocky Mountains. One plan is to continue the Crows Nest road round the north end of Kootenay Lake and extend the road from Gerrard to the north arm of Arrow Lake. The other plan is to build from the present main line at Beaver around the big bend of the Columbia river to Revelstoke.—W.D. Haywood purposes making extensive alterations and improvements to the Commercial Hotel.—The Fire & Police Committee are this week taking tenders on supply of a new fire engine with a capacity of 800 gallons per minute. —The Council will notify P. Burns & Company that they must begin immediately the construction of their proposed abattoir.—A. H. Lingren proposes to erect a non-sectarian memorial chapel at the cemetery, at a cost of $10,000.

TORONTO, ONT.—It is reported that the Globe Printing Company have purchased property on the corner of Adelaide and Bay streets with the intention of erecting thereon a modern newspaper office building. Their present lease expires in about three years.—The plans for the new military buildings in this city are nearing completion and tenders will be asked for the principal buildings in the course of the next few weeks. They are to be of brick, with stone dressings.—G. W. Gouinlock, architect, is preparing plans for certain alterations to the General Hospital.—D. F. Young has applied for permission to establish an abattoir at Doncaster.—The Board of Control have decided to purchase the property at 84 to 94 Lombard street as a site for a new morgue.—The Council propose to construct a tar macadam roadway on Bartlett avenue, from Bloor street to north city limit, cost $19.995, and an asphalt block pavement on Millstone lane, from York street to east end, cost $2,788.—The Grand Trunk Railway have submitted to the Council their proposed scheme to depress their tracks west of Bathurst street to Sunnyside, and elevate them from that point to the Humber river. The cost is estimated at $1,000,000, including $204,000 for earth excavation, $276,000 for concrete masonry, and $45,000 for a steel bridge. — Building permits have been granted as follows: Ben Brick, pair two-storey roughcast dwellings, 682 684 Eastern ave., $1,750; McAffrey & Moore, pair two-storey and attic dwellings, concrete cellar, brick fronts and roughcast sides, Wolfrey ave., $2,500; T. J. Sharp, pair two-storey and attic stone, brick and slate dwellings, Albany ave., near Wells st., $5.000; Jas. Wythe, pair two-storey and attic brick and stone dwellings, Bloor st., near Ossington ave., $10,000; J. W. T. Fairweather, two-storey brick and stone

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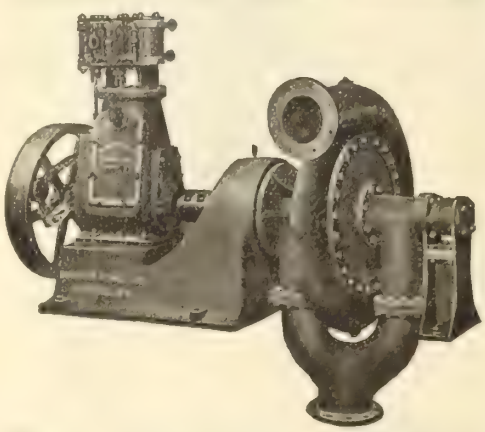

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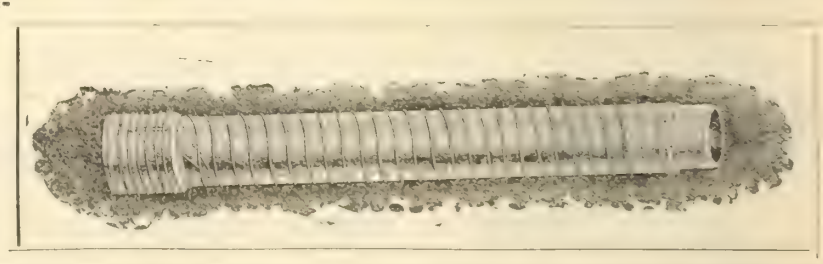

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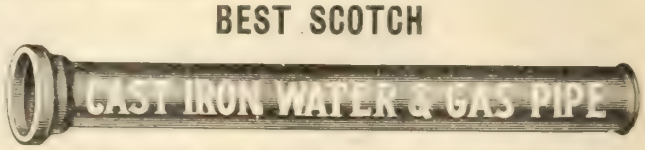

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stable, 610-612 Ontario st., $4,000; C. K. Rogers, alterations to hotel, brick and rubble stone, 60 to 64 York st., $6,515; J. Russell, two pair two-storey brick dwellings, 1010-1012 Queen st. east, $8,000; S. McCord, two-storey and attic brick dwelling, Victor ave., $5,000; E. J. Jarvis, two-storey and attic detached brick and stone dwelling, Bean st., $7,000; C. W. Chadwick, two-storey and attic brick and stone dwelling, Albany ave., near Dupont st., $3,000; Jos. Bimy, alterations to pair semi-detached dwellings, 120 Bolton ave., $3,000; R. H. Pill, three two-storey stone and brick attached houses, 61 63 Montrose ave., $6,500; Jas. Wythe, pair two-storey frame and roughcast dwellings, Morse st., $6,000; E. C. Tuckett, pair two-storey brick dwellings, corner Conduit st. and Sinclair ave., $5,600; F. Ingram, pair two-storey and attic roughcast dwellings, 448-450 Logan ave., $3,300; Hon. Geo. A. Cox, brick alterations to dwelling, 439 Sherbourne st., $3,000; R. R. Bongard, two-storey and attic brick and plaster dwelling, Admiral road, $10,000; Fanny Hutsen, pair two-storey brick and frame dwellings, Seaton square, $4,400; J. Drummer, pair two-storey brick dwellings, stone foundations, Huron st., near Lowther ave., $5,000; H. Galbraith, pair two-storey and attic brick dwellings, Grace st., near College, $4,800.—Mrs. Sanford Robertson, of Hamilton, has purchased 100 feet of property on Beaumont ave., Rosedale, on which she will build a costly residence.

CONTRACTS AWARDED.

SARNIA, ONT. — Erection of new waterworks building: Cement and brick work, John Forkin, $1,331 and $784; carpenter work, Purser Boulger, $562; plumbing and glazing, Jas. Jaw, $74.

VANCOUVER, B.C.—Ironside, Rannie & Campbell, this city, have been awarded the contract for track-laying, ballasting and bridging 45 miles on the Nicola branch of the C.P.R. between Spence's Bridge on the main line and Nicola Lake.

VICTORIA, B.C.—The following tenders were received by the City Council for purchase of debentures: Gunke & Co., $45,222; G. A. Stimson & Co., $98.01 on the dollar, for $46,742; H. O'Hara & Co., $45,950; E. A. Jarvis & Co., $46,004; Dominion Security Company, $46,154.

QUEBEC, QUE.—Immigration building for Dominion Government: Jinchereau & Lamonde, contractors, about $56,000. —Remodelling the heating and plumbing of Union Club building: Alex. Forrest, contractor.

MONTREAL, QUE. — Quebec Bank building, corner Amherst and St. Catharine streets: Cox & Amos, architects; J. W. Harris & Company, contractors.—The Canadian Pneumatic Tube Company have received a contract from the Dominion Government for laying 4,000 feet of pipe in this city for the postal pneumatic system, to cost about $55,000.

WINNIPEG, MAN. — The following tenders were received by the city for high pressure pumping engines for the waterworks: William Jacks & Co., $237,578; Camden Iron Works, $248,675; Power & Mining Machinery Company, $275,000; John McDougall Company, 317,677; M. R. Muckle, Jr., & Co., $375,250. It is understood that the tender of William Jacks & Company has been accepted.—Plumbing and heating of Normal school: Hammond & Rodway, contractors.

TORONTO, ONT.—The Department of Public Works, Ottawa, has awarded a contract for the laying of 18,000 lineal feet of pipe for the postal pneumatic system to the Canadian Pneumatic Tube Co., Limited, the approximate amount of the contract being $120,000.—The contract for boiler for Island pumping station has been let to the Polson Iron Works, Limited, for $1,250.—The Warren Bituminous Paving Company have been given the contract for a bitulithic pavement on Ossington avenue, from Dundas to College streets, at the City Engineers' figures, $15,656.

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Cobalt Development Company, Limited, Toronto, incorporated, capital $1,000,000. Directors, T. H. Hamilton, P. L. Hobbs and others.

The Land, Log & Lumber Company, Limited, Winnipeg, Man., incorporated capital $300,000, to carry on a lumber business. Promoters, J. S. Lovell, accountant, William Bain, book-keeper, Toronto, and others.

Water Supply Company, Limited, Montreal, incorporated, capital $40,000, to organize companies for the supply of water, gas and electric light. Promoters,

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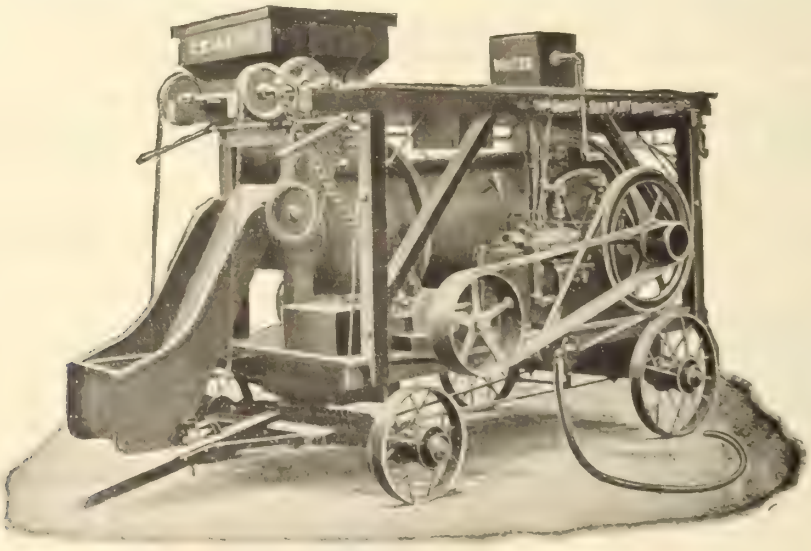

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National Supply Company, Winnipeg, Man., incorporated, capital $200,000, to manufacture and sell building materials. Promoters, A. H. Town, F. H. Welfley, A. T. Davidson, W. T. Crispin and E. L. Taylor.

Beach Calculating Machine Company of Canada, Limited, Montreal, incorporated, capital $50,000. Promoters, J. H. Laurin, Oscar Hebert, J. B. E. Poirer, and others.

Cobalt-Canadian Mining & Milling Company, Limited, Kingsville, Ont., incorporated, capital $500,000. Directors, S. L. McKay, W. A. Smith, and others.

St. Catharines Building & Paving Company, St. Catharines, Ont., incorporated, capital $50,000. Directors, J. T. Petrie, C. E. Secord, F. A. Henry, and others.

Ontario Minnesota Mining Company, Limited, Port Arthur, Ont., incorporated, capital $60,000. Directors, G. D. Ensine, J. E. Elder and others.

Banwell Hoxie Wire Fence Company, Limited, Hamilton, Ont., incorporated, capital $100,000. Directors, Henry Banwell, of Walkerville, A. R. Bartlett, E. Brett, J. E. Banwell and A. W. MacGregor, all of Windsor, Ont.

Toronto Motor Boat Company, Limited, Toronto, incorporated, capital $40,000. Directors, W. H. Cox, J. G. Robinson and J. C. McLachlan.

Gordon Cobalt Silver Mining Company, Limited, Toronto, incorporated, capital $200,000. Directors, J. F. Lennox, J. D. Lamont, and others.

Canadian District Heating Company, Limited, Hamilton, Ont., incorporated, capital $250,000, to construct and operate works for the production, distribution and sale of electricity, gas, steam and hot water. Directors, W. W. Stewart and W. P. Witton, architects, W. J. Clark, plumber, and others.

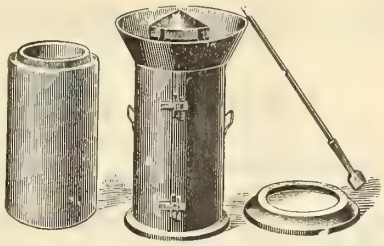
Orchard Point Company, Limited, Orillia, Ont., incorporated, capital $50,000, to carry on a hotel and summer resort business. Directors, R. O. Smith, William Thomson, and others.

Calder Grain Shocker Company, Limited, Hamilton, Ont., incorporated, capital $30,000, to manufacture grain shockers. Directors, James Calder, G. S. Bingham, and others.

Adjustable Axle Nut Company, Limited, London, Ont., incorporated, capital $31,000. Directors, R. C. Williams, John Sussex, and others.

McLaughlin-Gourley, Limited, Toronto, incorporated, capital $25,000, to carry on business as carpenters and joiners and manufacturers of interior fittings. Directors, J. J. McLaughlin, A. L. Gourley, and N. A. Howie.

Cranbrook, B.C., this month takes rank as an incorporated municipality, and in the course of a few days will hold municipal elections. The city has a telephone, electric light and waterworks system, at present owned by private companies. The waterworks is a gravity system, water being delivered at a pressure of 100 lbs. from a reservoir 150 feet high, the capacity of which is approximately 300,000 gallons. This is supplied from St. Joseph Creek, a large stream having its source in the mountains about 30 miles south of Cranbrook. The pipe line was supplied by the Canadian Pipe Company, Vancouver, B.C.



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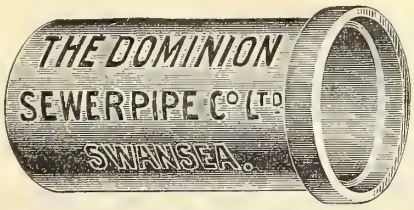

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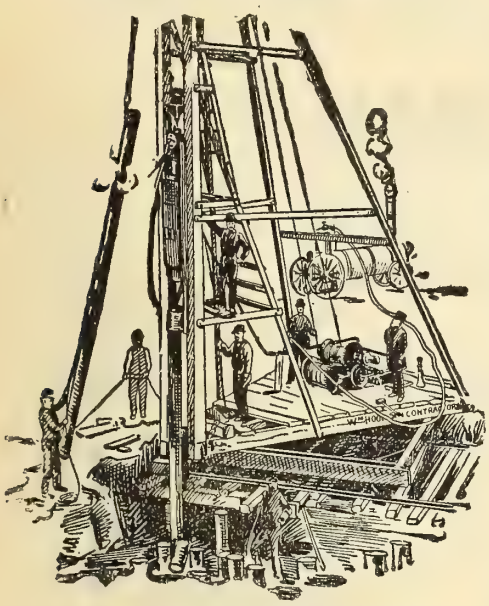

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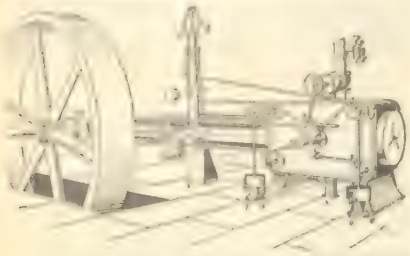

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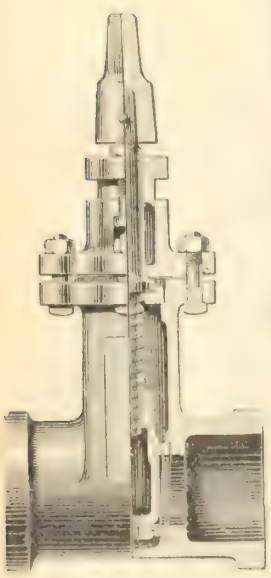
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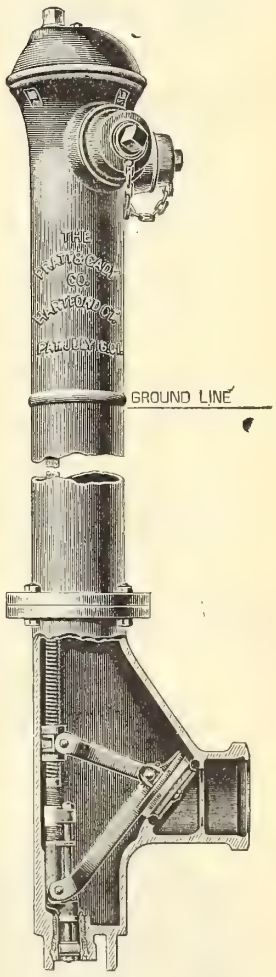

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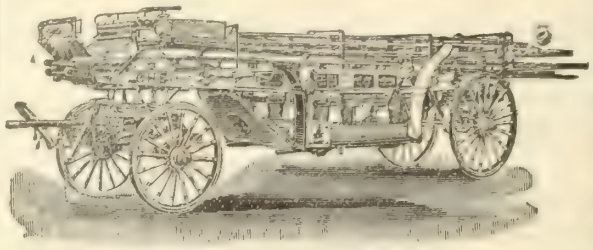

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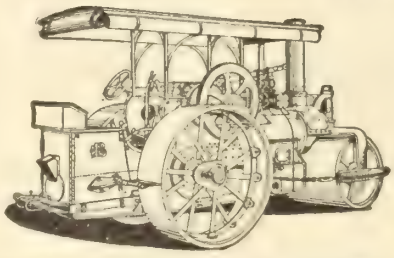

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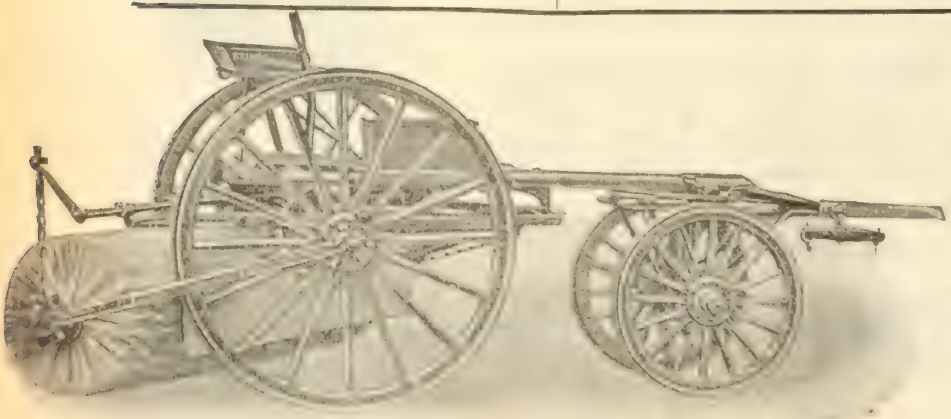

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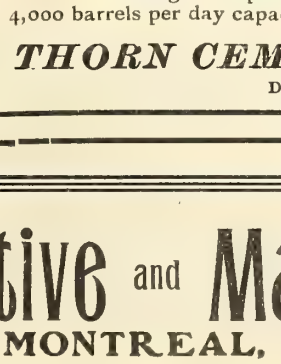

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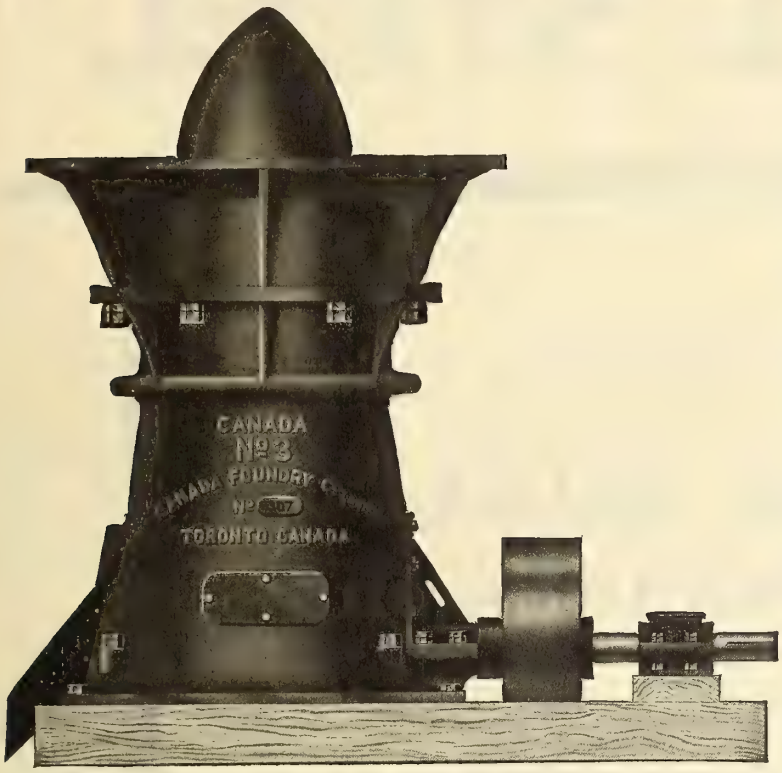

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CANADIAN

Contract Record

A Weekly Journal of Public Works, Tenders, Advance Information and Municipal Progress

This Paper Reaches Every Week the Town and City Clerks, Town and City Engineers, County Clerks and County Engineers, Purchasers of Municipal Debentures and Leading Contractors in All Lines Throughout Canada

VOL. 16. TORONTO, MONTREAL — NOVEMBER 22, 1905 — WINNIPEG, VANCOUVER No. 38

THE CANADIAN CONTRACT RECORD
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Debentures for Sale

The Town of Red Deer, Alberta, have the following Municipal debentures for sale :—
$10,000 ten years bearing 5%.
$4,000 five " " 5%.
$1,500 five " " 5%.
Tenders for the whole or part thereof will be received by the undersigned up to noon the 31ST DAY OF DECEMBER, 1905.
The highest or any tender not necessarily accepted.

L. C. FULMER,
Secty.-Treas.

CITY OF WINNIPEG.

Tenders for Gas Producer Plant

Sealed tenders addressed to Ald. J. C. Gibson, Chairman Fire, Water and Light Committee, for supply of Producer Gas Plant of capacity of 2,500 continuous Engine Brake Horse Power, will be received up to 3.30 p.m. on

MONDAY, DECEMBER 18TH, 1905.

Specifications and forms of tenders may be obtained upon application to H. N. Ruttan, City Engineer, Winnipeg, Canada.
Each tender must be accompanied by an accepted cheque, draft or cash deposit for the sum called for in the form of tender supplied, which will be subject to forfeiture in case of failure on the part of the contractor to enter into a written contract with approved sureties if called upon to do so.
The City reserves the right to reject any or all tenders or to accept any bid which appears advantageous to the City of Winnipeg.

C. J. BROWN,
City Clerk.

City Clerk's Office,
Winnipeg, Nov. 7th, 1905.

Summers & Kelly have started in the plumbing business at Regina, N.W.T.

WANTED

An Architectural Draughtsman, to commence work on or before January 1st, 1906. State experience and salary expected. Address "Architect," care CONTRACT RECORD, Toronto.

To Contractors

Sealed bulk and separate tenders will be received up to noon on SATURDAY, NOVEMBER 25TH, for all trades required in the erection of a Factory Building at Toronto Junction.
Plans and specifications may be seen at the office of the Architect, to whom tenders are to be addressed.

F. S. BAKER, Architect,
Mail Building, Toronto.

Fredericton Debentures

Sealed tenders marked "Tenders for Debentures," and addressed to the undersigned, will be received at the office of the City Clerk, Fredericton, N.B., until MONDAY, DECEMBER 11TH NEXT, at noon, for Ten Thousand Dollars Fredericton Water Debentures in sums of $500 each, bearing four per cent interest, payable half-yearly. Debentures will be dated December 15th, 1905, and run for thirty years.
Lowest or any tender not necessarily accepted.

J. W. McCREADY,
City Clerk.

Fredericton, N.B., Nov. 16th, 1905.

CONTRACTS OPEN.

POINT AU PIC, QUE.—It is said that Jean Warren will erect a fine hotel at this place.

RAINY RIVER, ONT. — Backus & Brooks have decided to build a saw mill here this winter.

MANDAN, MAN.—Thomas H. Cuddy is taking tenders this week for erection of a frame school house.

PETROLIA, ONT.—It is understood that the Petrolia Packing Company will not rebuild their factory here.

GORRIE, ONT.—The ratepayers will vote on a by-law on the 28th inst. to install an acetylene gas plant.

SAULT STE. MARIE, ONT.—It is probable that a new school, to cost about $15,000, will be erected.

PERTH, ONT.—It is the intention of the James Bros. Foundry Company to extend their factory next spring.

NIAGARA FALLS, ONT. — Mr. Cronkhite purposes considerably enlarging and improving the Savoy Hotel.

KENORA, ONT. — It is stated that the Maple Leaf Milling Company will erect their flour mill in the west ward.

NEWCASTLE, N.B.—R. T. D. Aiken is asking for tenders up to 27th inst. for the extension of the electric light system.

HUMBOLT, N.W.T.—J. L. Lyons requests tenders, on behalf of the village, for purchase of ten debentures of $100 each.

LADNER, B.C.—J. Shipton, of Vancouver, is forming a company for the purpose of installing an electric light plant here.

INGERSOLL, ONT.—E. B. Calkins, C.E., of Watertown, N.Y., is about to make a report on the waterworks system here.

MEAFORD, ONT. — Peter Wilson has made a proposition to the Town Council to construct a marine railway on the water front.—The Town Clerk has been authorized to place certain debentures on the market.

GLENWOOD, MAN. — The electors will vote on a by-law to raise $4,500 for the purpose of erecting a bridge over the Souris river.

ASHCROFT, B. C.—G. R. Thomson, of Kelowna, has purchased the Ashcroft Hotel and proposes expending $5,000 on improvements.

PORT STANLEY, ONT.—James A. Bells's estimate of the cost of a waterworks system for this place, referred to in last issue, is $15,100.

GODERICH, ONT.—C. H. Rust, C. E, of Toronto, is preparing his report on the town's water supply and will shortly submit it to Council.

CALGARY, N.W.T.—The committee appointed to select a site for a new city hall will likely recommend that it be built on Centre street.

MARKHAM, ONT.—The Grant & Jessup woollen mill by-law, granting a loan of $10,000 for ten years, was carried here on Wednesday last.

SEAFORTH, ONT. — Tenders are desired for installation of a fire alarm system for the town. Information from John Rankin, Town Clerk.

BERLIN, ONT. — The congregation of the New Jerusalem church have decided to build a parsonage for their pastor, Rev. W. E. Brickman.

RIDGETOWN, ONT. — The Watt Machine Works Company intend thoroughly refitting the old Middleditch foundry and building an addition.

PETERBORO, ONT. — William Thistlewaite, of Norwood, has purchased property on Sherbrooke street on which he intends building several houses.

HINTONBURG, ONT.—The necessity of a sewerage system is generally recognized, but funds are insufficient at the present time to undertake the work.

SELKIRK, MAN. — The School Board have passed a by-law to authorize the raising of $9,000 for the purpose of erecting a school building in Ward No. 1.

PORTAGE LA PRAIRIE, MAN.—The question of installing an electric light plant in opposition to the existing plant is said to be under consideration.

CORNWALL, ONT.—The property owners endorsed the by-law giving a loan

of $20,000 to Thomas McGill, of Kearney, Ont., to establish a chair factory here.

WATERLOO, ONT. — The by-law granting a free site and exemption from taxation to Charles Mueller to extend his cooperage plant was carried on Monday last.

GLACE BAY, N.S.—The Dominion Coal Company are about to commence work on the building of a new machine shop and other buildings at Reserve Junction.

YARMOUTH, N.S.—L. Higgins & Company, who recently purchased the shoe factory here, intend enlarging the building if granted certain concessions by the corporation.

STRATFORD, ONT.—It is probable that steps will be taken in the near future in the direction of operating a municipal electric light plant in connection with the waterworks.

PICTOU, N.S.—A public meeting will be held this week for the purpose of voting upon a resolution empowering the Council to borrow $8,000 for extending the electric light plant.

FREDERICTON, N.B.—C. H. LaBillois, Commissioner of Public Works, will receive tenders up to 27th inst. for repairing Baltimore bridge in parish of Canning, Queens county.

PORT ARTHUR, ONT. — James McTeigue, Town Clerk, has asked for tenders for supply of stone for the new fire station to be built next spring. Thos. Hanley is the architect.

GRANBY, QUE.—The Council have decided to submit a by-law to the ratepayers on the 29th inst. authorizing the raising of $160,000 by the issue of debentures to pay off floating liabilities.

THOROLD, ONT. — Allan Sharpe has purchased the Fitzgerald site and purposes erecting a two storey building. —The Council have granted a franchise to the Thorold Natural Gas Company.

BRANDON, MAN.—The ratepayers will be asked to provide $30,000 for the erection of a new Collegiate Institute building. A new four roomed school will also be built on the Johnston estate, at a cost of $9,000.

LINDSAY, ONT.—The Board of Health have recommended that the Council appoint a committee to meet the County Council for the purpose of discussing the advisability of erecting an Isolation hospital.

GEORGETOWN, ONT.—It is said to be the intention of the Grand Trunk Railway Company to construct a new bridge over the Credit river, at a probable cost of $200,000. The present bridge is nearly a quarter of a mile long.

CHATHAM, ONT. — The County Council will consider, at the December session, the question of enlarging the registry office.—The Chatham, Wallaceburg & Lake Erie Railway Company will erect a one-storey brick car barn, at a cost of $3,000.

UXBRIDGE, ONT.—A committee on electric lighting has recommended that the arc lamps be changed to incandescents and the system otherwise improved.—A by-law may be submitted to the ratepayers in January to raise $8,000 for waterworks purposes.

OWEN SOUND, ONT.—Plans will be prepared at once for an addition to the Collegiate Institute building, to cost about $10,000. The money will be raised by an issue of debentures.—Surveys are being made for an electric railway from this town to Meaford.

LONDON, ONT. — It is understood that a Detroit firm of architects have prepared plans for the Grand Trunk depot to be built in this city, but that nothing will be done before next year.—J. C. Dodge is this week taking tenders on addition to Maitland street Baptist church.

NEW WESTMINSTER, B. C.—The C. P. R. will build a spur 4,800 feet in length to the Fraser River Sawmill Company's plant.—Thomas Shafor and H. J. Mills, of Philadelphia, have been in the city recently looking for a suitable site for a large boot and shoe manufacturing establishment.

ST. CATHARINES, ONT. — The Board of Works have recommended that the present system of sewers be extended next year, at an approximate cost of $20,000, and that the City Engineer prepare the necessary plans.—The property owners on St. Paul street have petitioned for a vitrified brick pavement.

OTTAWA, ONT. — The amended plans for the Fat Stock Show building have been completed by Architect Noffke and contracts will be let so as to commence the work early in the spring.—The tenders for new hook and ladder truck were considered too high, and the Fire and Light Committee are asking for new tenders for a smaller truck.

WOODSTOCK, ONT.—G. W. McKee, manager Canadian Bank of Commerce, is asking for tenders up to 25th inst., for purchase and removal of the building known as the Caister House, the work to be completed by April 1st, 1906. —The Collegiate Institute Board have decided to take steps towards the erection of an addition to the school.

SASKATOON, N.W.T. — A. E. Young and W. H. McBeth will erect a two-storey cement block building on corner of Twenty-Second street and Second ave.—Willis Chipman, C.E., of Toronto, will have surveys made immediately for the purpose of reporting on the cost of complete systems of sewerage, waterworks and electric light.

AMHERST, N.S. — H. L. Fuller, C.E., has presented his report on the proposed water supply from the south branch of the Maccan river. He estimates the cost at $196,334, made up as follows: 18 miles 12 and 18 inch pipe, $124,520; excavation and laying pipes and right of way, $54,464; dam and settling basin, gates, etc., $10,500; lead and jute $2,850; incidentals, $3,000.

WELLAND, ONT.—The Polson Iron Works, of Toronto, have been prospecting here for a suitable site for a shipyard. —Mr. Cross will move in Council that an electrical engineer be engaged to report on the question of a supply of electricity for light and power purposes.—The Peacock File Company, of Buffalo, are desirous of locating here.

COBOURG, ONT.—W. H. Rowe, of Pittsburg, has plans ready for the erection of a large residence on the corner of King and Cottesmore ave., which will be commenced early next spring. — Mrs. Haskell, of Chicago, has purchased the Queen street school and will convert it into a summer residence.—A new public school will in all probability be erected next year, at an estimated cost of $25,000.—A meeting of the Counties Council will be held this week, at which the erection of a house of refuge will be considered.

VICTORIA, B. C.—W.W. Northcott, purchasing agent for the city, desires tenders by Monday, 27th inst., for supply of one driving pulley and one leather driving belt. — W. Ridgeway Wilson, architect, has just taken tenders for erection of buildings at Laurel Point for W. J. Pendary.—The British Columbia Electric Railway Company intend expending a large sum of money in extending the gas mains in this city.—J.Cameron has purchased two lots at Oak Bay on which he intends building a modern cottage.

QUEBEC, QUE.—The Minister of Marine and Fisheries has decided to enlarge the King's wharf, erect new buildings and equip same with modern machinery for repair purposes. New storehouses will also be added to the present store accommodation.—W. D. Baillairge, City Engineer, requests tenders by Thursday, December 7th, for annual supplies, including stone, sand, nails, stone and brick pavements and sidewalks gulley wells, etc., also up to same date for lighting the streets by electricity, ussing 442 direct current enclosed arc lights of 2,000 candle power each. The present contract for electric lighting expires in 1907.

HAMILTON, ONT.—W. H. Gillard & Company are said to have purchased 85 feet frontage on the north side of Jackson street, adjoining St. Paul's church, for warehouse purposes.—W. D. Long, who in conjunction with George Risby presented a site for the proposed consumptive sanitarium, has offered to erect a building as a memorial for his mother and brother.—Thomas Fanning has purchased property on north side of Tuckett street on which he will build several houses.—The City Engineer estimates the cost of improvements in the John street yard at about $4,000. It is proposed to erect a blacksmith shop, office for the storekeeper, and sheds. — George Attridge will build a $3,500 stable on King street, between Sherman ave. and Arthur street. A. W. Peene is the architect.

BRANTFORD, ONT. — The local branch of the Catholic Foresters are considering the erection of a building in this city, to be used by themselves and the Young Men's Catholic Club.—It has been rumored during the past week that the Southwestern Traction Company, of London, Ont., intend building a radial electric railway through Western Ontario, connecting Brantford and London. —The Brantford Ice Company have had plans prepared for a large warehouse to be built on the river bank, to be 127 × 83 feet and equipped with modern machinery.—A committee has been appointed to report as to ways and means for building a Presbyterian church in Eagle place. Rev. W. A. J. Martin and Rev. H. J. Pritchard are members of the committee.—The Western Counties Power Company have submitted to the City Council a proposition to furnish electric power.—The Finance Committee and the Board of Works will recommend to the City Council that a by-law be submitted to the ratepayers to provide $91,000 for storm drainage and a sewage system in Eagle place, West Brant and Homedale.

MONTREAL, QUE.—The Montreal Street Railway Company have decided to appropriate the sum of $1,000,000 for improvements, including new cars, feeder lines, sub-stations, etc.—The proposed John Young memorial is expected to cost about $10,000.—Plans for the extension and improvement of the Windsor Hotel were approved by the directors and management of the hotel last week, and it was announced that the work of construction will begin early next spring. The architects are H. J. Hardenbergh and Bradford L. Gilbert, of New York, with whom Hutchinson & Wood, of this city, are acting as associate architects. The improvements embrace a complete remodelling of the entire ground floor, beginning at the present entrance on Peel street. The north end of the building will be taken down and replaced by an eight-storey structure giving about 250 new rooms and 175 bathrooms. The entire space over the present dining room

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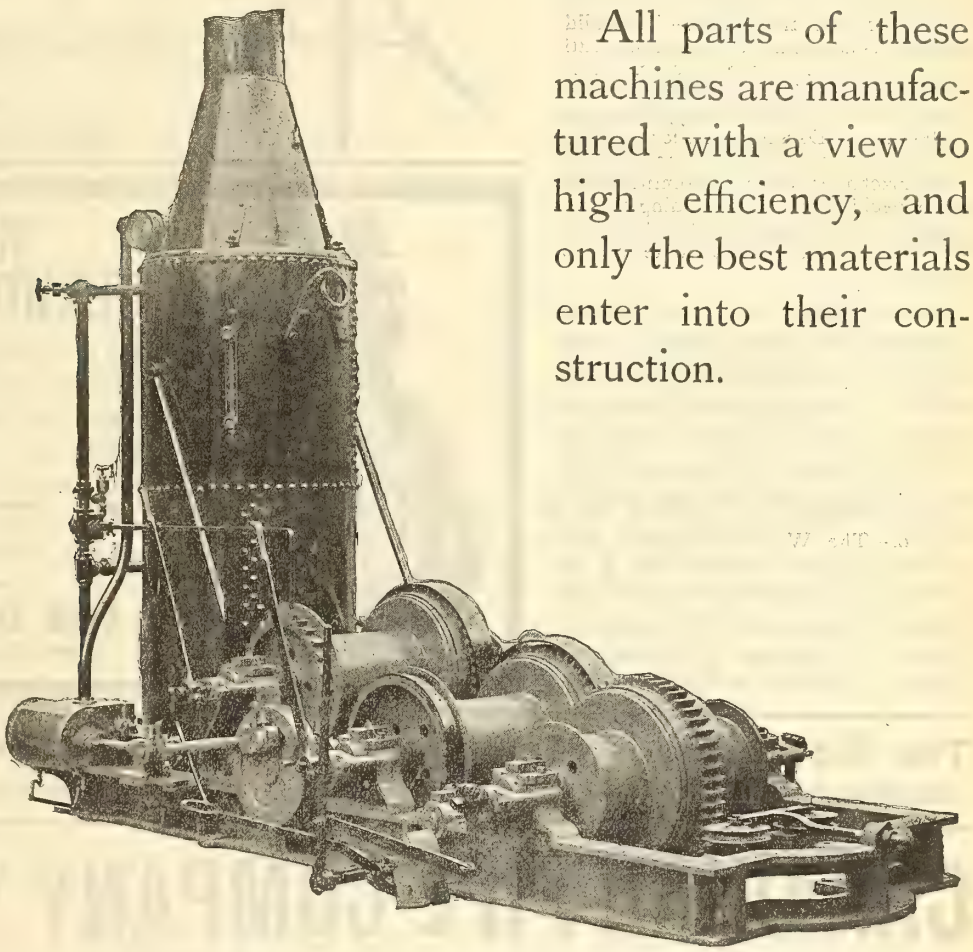

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will be carried up six stories and divided into bedrooms and bathrooms in the same manner. The bedrooms will be finished in hardwood.

WINNIPEG, MAN. — The J. C. Graham Lumber Company will build a large warehouse in this city.—C.J.Brown, City Clerk, desires tenders by Monday, 27th inst., for furnishing and erection of a steel caisson about 15 feet in diameter and 43 feet in depth, to be used in sinking a well for a water supply.—It is the intention of King Edward Lodge, A. F. & A. M., to erect a fine hall on the southwest corner of Main and Manitoba ave. next spring, at an approximate cost of $25,000.—The Fire, Water & Light Committee will request the City Council to secure a complete report on all the available sources for a water supply.—Tenders will be opened this week by the Works Committee for the construction of a number of local improvements, including asphalt and cedar block pavements, granolithic walks and sewers.—The building permits issued up to November 14th had reached $10,651,750 in value.—A. B. Smith, manager Telegraph Department Grand Trunk Pacific Railway,will receive tenders up to December 1st for supply of 30,000 green cedar telegraph poles.—The Grain Exchange building committee have finally decided to erect a building on their property at the corner of Lombard and Rorie streets, at an approximate cost of $25,000.

VANCOUVER, B. C.—P. Burns & Company have decided to erect a large retail butcher shop next spring at the Gore.—J. P. Smith will erect a factory here for he manufacture of mining machinery. The C.P.R. have decided to accept none of the tenders for the additions to the hotels at Glacier and Laggan and will do the work themselves by day labor. The lowest tender was about $80,000.—The Water Committee have adopted the report prepared by W. A. Clement, City Engineer, on a water supply. The cost of the proposed system, including a reservoir on Little Mountain, Fairview, is estimated at $716,464. — Hooper & Watkins, architects, are pre-

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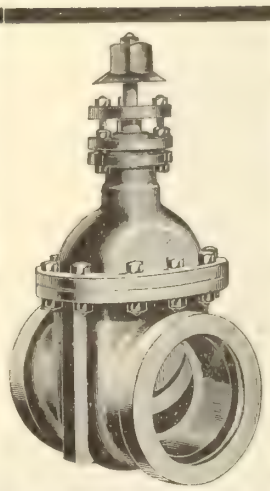

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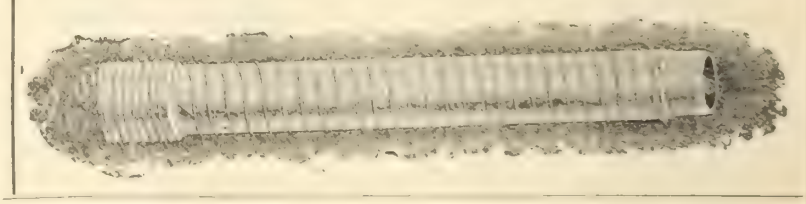

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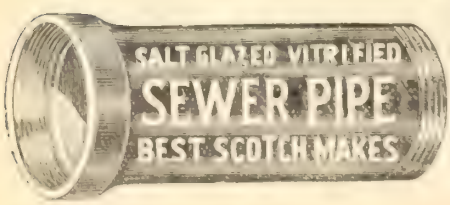

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paring plans for a four-storey pressed brick building to be erected by Loo Gee Wing at the corner of Hastings and Abbott streets. Construction may be commenced this year.—W. A. Clark, real estate agent, has disposed of property on Hastings street, between Abbott and Carrall streets, to a party who will erect a building thereon, the plans for which are now being prepared by Parr & Fee, architects. The building will be three stories, of brick and stone, containing several apartments and offices, and contracts will be awarded immediately. It is stated that the purchaser of property adjoining intends erecting a four-storey building. — Joseph L. Roy, Dominion Government engineer, is completing the surveys on False creek preparatory to making a report to the Government on the necessary improvements to that waterway.—The Royal Bank of Canada have purchased the south-east corner of Hastings street and Westminster ave. and intend replacing the present building with a stone structure.—Parr & Fee, architects, have taken tenders for erection of a brick warehouse building on Powell street for C. S. McConnell & Company. —Augustus Hosenfratz, of Nanaimo, intends building a brewery on the corner of Front and Scotia streets.—The Vancouver Masonic Temple Company have decided to erect the proposed building at corner of Georgia and Seymour streets. H. H. Watson is president of the company.—The British Columbia Market Company have chosen as a site for their proposed abattoir a block of land in Hastings township adjoining the city.

TORONTO, ONT.—Thos. Hunter is having plans prepared by Chadwick & Beckett, architects, for a residence to be built next spring on Crescent Road, Rosedale.—Plans have been prepared for the new Knox Presbyterian church Sunday school building to be erected on Spadina avenue, the estimated cost of which is $40,000. Rough plans of the church have also been prepared. Both structures will be built of stone.—The Ocean House, corner of Queen and King streets, Parkdale, has changed ownership, and it is understood that the purchaser will make extensive improvements. — The scheme for the erection of a new General Hospital is making satisfactory progress. A committee, composed of Messrs. J. W. Flavelle, Frederic Nicholls, H. C. Cox, F. S. Spence and J. H. McGhie, and Dr. Reeve and Dr. Hoskin, have been appointed to report upon a site and an architect for the new buildings, which are estimated to cost about $1,500,000.—Hon. H. C. Hyman, Minister of Public Works, was in Toronto last week and announced that the plans for the new barracks for the permanent corps to be constructed near Lambton would shortly be completed and the work commenced next spring. The estimated cost is $400,000. He further stated that a permanent breakwater for the protection of the Island would be constructed next spring, at an estimated cost of $75,000.—Tenders are wanted at 58 Roxborough street west on masonry and carpentry for three houses. —It is reported that the Imperial Bank have taken options on all the property on north side of King street, between the North American Life Building and York street. This would indicate that the management of the bank have in view the erection of a new head office building.—Building permits have been granted as follows: John Stark & Co., pair 2½ storey brick dwellings, 22-24 Roxborough st. west, cost $5,000, also pair 2½ brick and stone dwellings, 19-21 Roxborough st. west, cost $6,000 (F. H. Herbert, architect); J. W. Walker, pair 2 storey and attic stone and brick dwellings, Grace st., cost $6,000; John Silas Beatty, pair 2 storey brick veneer dwellings, St. Clarens ave., cost $3,600; Roland McDonagh, 2½ storey brick dwelling, Birtle ave., cost $5,000; J. W. Walker, pair 2 storey and attic brick and slate dwellings, Grace st., cost $5,000; Bank of Toronto, alterations 205 Yonge st., cost $130,000; Turnbull Elevator Co., 3 storey brick factory, John st., cost $6,000 (Wickson & Gregg, architects); Wilson Bros., 2 storey brick and wood building, 136 Bleecker st., cost $3,000; Thos. Hogg, 2½ storey brick dwelling, Gladstone ave., cost $3,500 (G. R. Harper, architect); F.B.Ward, 2 storey and attic brick dwelling, Rusholme road, near Dewson st., cost $3,500; P. Howland, 2 storey and attic brick

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dwelling, Vilas road and Eden Ave., cost $8,500; E. C. Tuckett, pair 2½ storey brick residences, Conduit st., cost $4,400; W. E. Booth, pair 2½ storey brick dwellings, Gibson ave., cost $5,500; John Minto, 2 storey store and dwelling and five brick and stone dwellings, corner Dundas st. and Ritchie ave., cost $10,000; R. E. Gibson, 2½ storey brick residence, Chestnut Park road, cost $11,000 (C. J. Gibson, architect); Arthur J. Moody, 2 storey brick and roughcast dwelling, Howland road, cost $3,000; Geo. Phillips, two pair 2 storey brick dwellings, 53-59 Major st., cost $10,000; Thos. J. Canigan, 2½ storey brick building, 2 and 4 Fenning st., cost $4,000; F. Young, pair 2 storey and attic brick and stone residences, 120-122 Hazelton ave., cost $5,800; Wm. C. Harvey, 2 storey and attic brick dwelling, Roxborough st. east, cost $19,000 (Symons & Rae, architects.—F. S. Baker, architect, is asking for tenders up to 25th inst. for erection of a factory building at Toronto Junction. Plans at his office, Mail Building.

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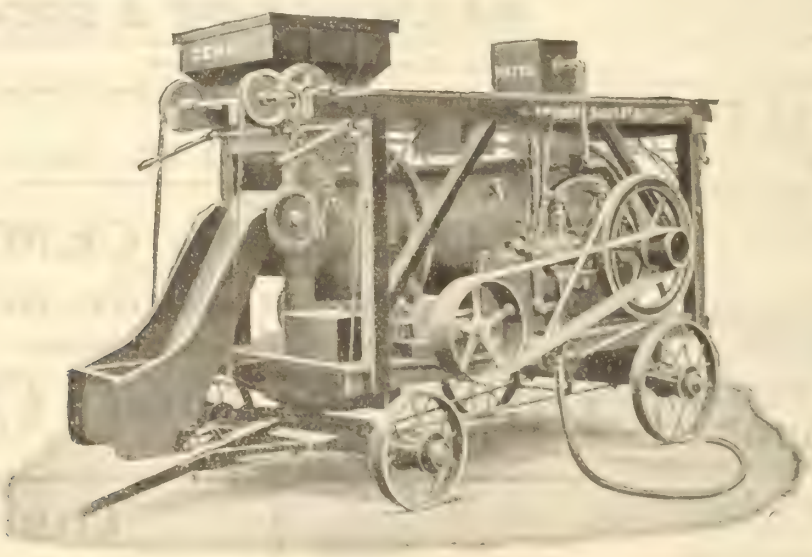

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QU'APPELLE, N.W.T.—J.W.Nay has secured the school debentures, amounting to about $20,000.

VICTORIA, B. C. — Construction of bridge between Store and Work streets: W. Rockett, successful tenderer, $6,468.

TORONTO JUNCTION, ONT.—Addition to Nordheimer Company's factory: Charles Boon, contractor. Building will be 45 × 128 feet, four stories.

QUEBEC, QUE.—Quellet & Levesque, architects, have awarded the contracts for a new church at St. Methode de Adostock, county of Beauce, to cost $25,800.

PETERBORO, ONT. — The Town Council have sold $44,309.08 of debentures to Aemilius Jarvis & Company, Toronto, at a premium of $344.22.

HALIFAX, N. S. — The City Council have decided to purchase a new fire engine from the Canadian Fire Engine Company, London, Ont.; price $7,000.

PORTAGE, LA PRAIRIE, MAN. — Sub-contracts for the Manitoba and Midland Railway have been let to J. Stewart and Zimmerman Bros., each securing 1½ miles.

VANCOUVER, B. C. — The contract for a 800 gallon fire engine for the city has been awarded to the Waterous Engine Works Company, Brantford, Ont., at $5,000. The Canadian Fire Engine Company tendered at $5,200.

ST. JOHN, N.B. — James McDade is installing the Canadian Buffalo Forge Company's fan heating and ventilating system in James Pender & Company's new nail factory.

MONTREAL, QUE.—The Richelieu & Ontario Navigation Company have awarded the contract for building a new steamer to the Canadian Shipbuilding Company, Toronto.

BROCKVILLE, ONT.—Kelsey furnaces will be installed in Cooke's Presbyterian church, Kingston, the Disciple church, Collingwood, and the Methodist church, Brinstone's Corners.

WINNIPEG, MAN.—The City Council have awarded the following contracts: Supply of sewer pipe, W. F. Lee, $43,911; supply of lead pipe, J. H. Ashdown Hardwood Company, $3,896; construction of sewers in River, Gladstone, Disraeli and other streets, Dobson & Jackson, $9,018.15.

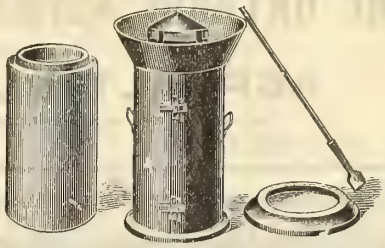
WALKERTON, ONT.—The town received the following tenders for purchase of $6,000 debentures: Wood, Gundy & Co., $5,761; Aemilius Jarvis & Co., $5,711; H. O'Hara & Co., $5,745; Stimson & Co., $5,775; W. C. Brent, $5,783; Dominion Security Co., $5,747; Canadian Securities Co., $5,807 (accepted).

FIRES.

Post office at Lachute Mills, Que., totally destroyed.—Factory of the Starke Cooperage Company, King street, Montreal, damaged to extent of $25,000.—English church rectory at Holland Landing, Ont., totally destroyed.—Residences of Henry Folger and James McParland, Kingston, Ont., damaged to extent of $10,000.

The plant of the Manitoba Brick Company at Beausejour is now in operation. The bricks are made of sand and cement by a patented process and can be produced in any color. George Bradbury, who organized the company, is acting as general manager.

The Peterboro Sandstone Brick Company, Limited, have elected the following officers: President, J. J. English, Hastings; vice-president, J. J. Hartley, Peterborough; Directors, Andrew Brown, Peterborough, and W. R. Harstone, Warkworth.



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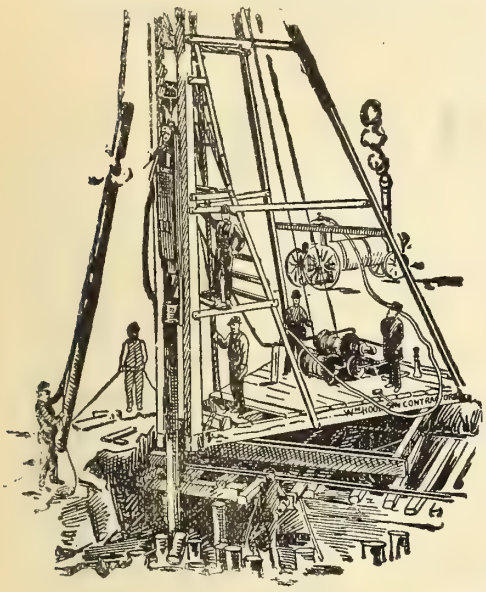

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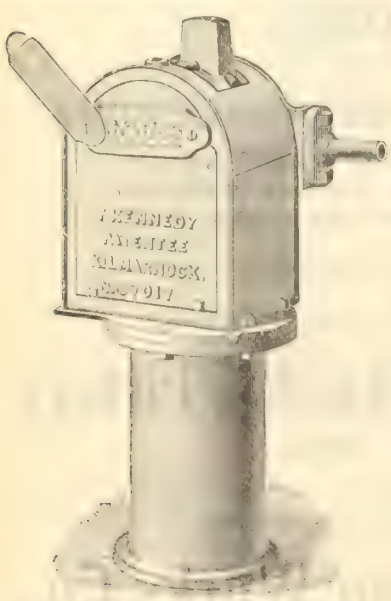

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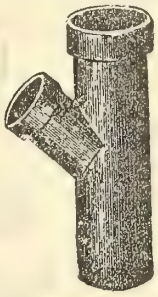

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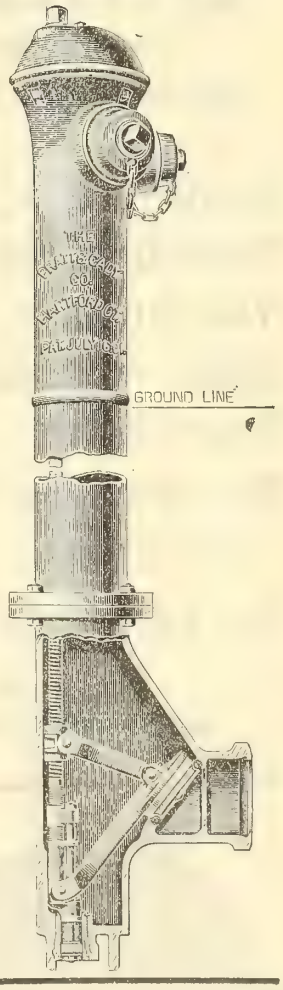

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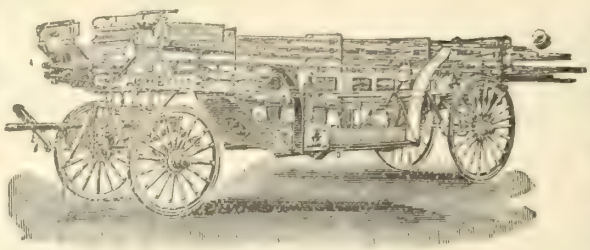

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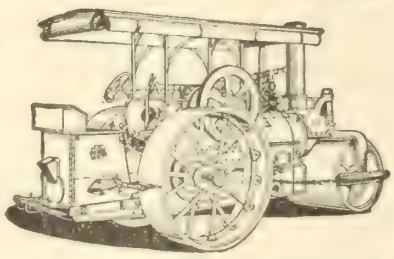

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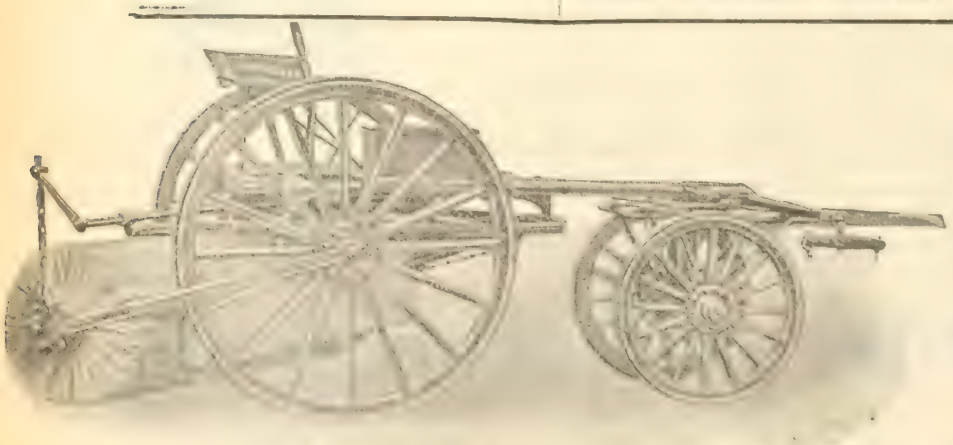

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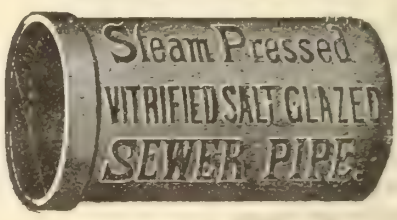

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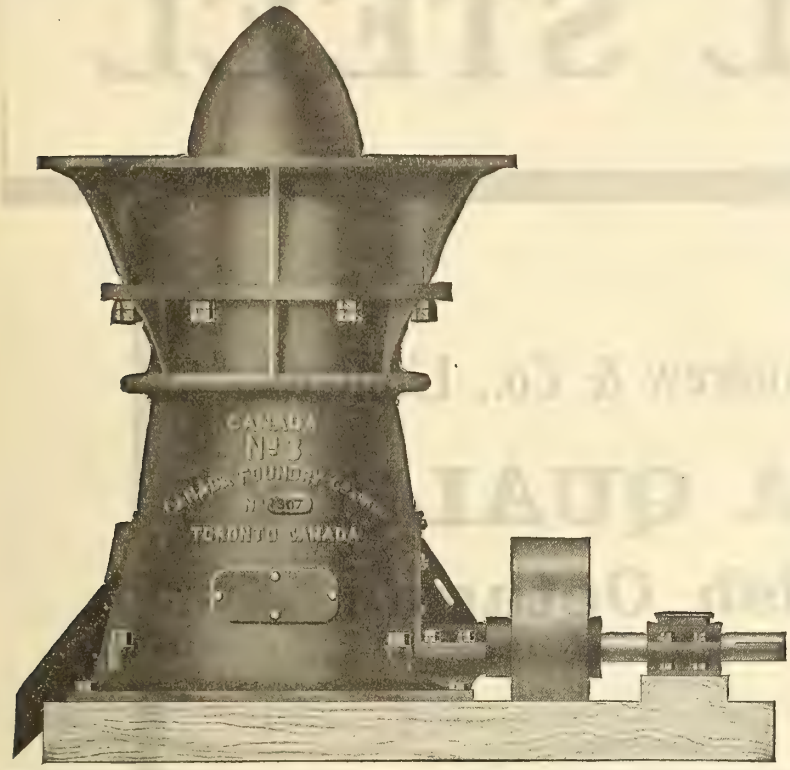

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VOL. 16. TORONTO, MONTREAL — NOVEMBER 29, 1905 — WINNIPEG, VANCOUVER No. 39

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Said Debentures, Principal and Interest, are payable at the City Treasurer's Office, Niagara Falls, Canada, annually.

Purchasers to pay accrued interest from November 20th, 1905.

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Further particulars can be obtained on application.

Highest or any tender not necessarily accepted.

JOHN ROBINSON,
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Niagara Falls, Canada,
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TOWN OF KINCARDINE

TENDERS FOR SEWERS

Sealed tenders addressed to J. H. Scougall, Esq., Town Clerk, will be received by the Corporation of the town of Kincardine up to DECEMBER 18TH, 1905, for the construction and completion of the proposed sewerage system for the town, subject to plans and specifications prepared for same. Each proposal must be accompanied by a certified bank cheque for six (6) per cent. of the amount of the bid, payable to the town treasurer, said cheque to be returned to the person making the proposal, unless he fails to execute the contract should it be awarded to him.

Plans and specifications may be seen or a copy can be obtained by writing W. Hunter, Chairman Sewerage Committee.

The town reserve the right to reject any or all proposals,

J. C. COOKE,
Mayor.

W. HUNTER,
Chairman Sewerage Committee.

TENDERS

addressed to Jas. R. Benson, Secretary St. Catharines Gas Company, Limited, will be received up to TUESDAY, DECEMBER 12TH, 1905, for the removal of cast iron pipe, belonging to the Company, in roads to and banks of the New Welland Canal, between Thorold and Port Dalhousie.

Full details can be obtained at the Company's office, Ontario street.

The lowest or any tender not necessarily accepted.

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The Town of Red Deer, Alberta, have the following Municipal debentures for sale:—

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Secty.-Treas.

Fredericton Debentures

Sealed tenders marked "Tenders for Debentures," and addressed to the undersigned, will be received at the office of the City Clerk, Fredericton, N.B., until MONDAY, DECEMBER 11TH NEXT, at noon, for Ten Thousand Dollars Fredericton Water Debentures in sums of $500 each, bearing four per cent interest, payable half-yearly. Debentures will be dated December 15th, 1905, and run for thirty years.

Lowest or any tender not necessarily accepted.

J. W. McCREADY,
City Clerk.

Fredericton, N.B., Nov. 16th, 1905.

CONTRACTS OPEN.

BATH, N. B.—It is rumored that J. K. Crain intends erecting a lath mill here.

DAUPHIN, MAN.—Leading citizens have decided to establish a machine works here.

SPRUCEDALE, ONT.—M. & M. A. Deans intend building a saw mill on the former mill site.

ELGIN, MAN. — It is proposed to build a new Methodist church, at a probable cost of $5,000.

DUNDALK, ONT.—The Village has asked the County Council to guarantee $12,000 of debentures.

PRESTON, ONT.—The Lady's Guild of St. John's church have the matter of erecting a rectory in hand.

BELMONT, ONT.—The F.M.T.A. have purchased a lot on Martin street on which to erect a brick hall.

SUSSEX, N.B.—The School Trustees have not yet reached a decision regarding a site for proposed new school.

HALIFAX, N.S.—The Lorne Amateur Aquatic Club may build a new boat house at the North-West Arm.

PERTH, ONT.—The Town Council have passed a by-law authorizing the issuing of $8,491.99 of debentures.

ABERDEEN, N.W.T.—The Donald Morison Company are about to commence building an elevator here.

LINDSAY, ONT.—Mariposa Township Council have decided to issue debentures for the building of bridges.

CHESLEY, ONT. — The by-law to provide $7,000 for erection of a lock-up and hose tower was defeated last week.

SAND POINT, ONT.—George Murray and Louis Dumas will, according to report, start a sash and door factory here.

GRANDVIEW, MAN. — T. A. Burrows, M.P., is interesting himself in the establishment of an electric light plant here.

SUNDERLAND, ONT. — Brock Township Council propose to raise the sum of $6,000 for the erection of a town hall here.

NORTH SYDNEY, N. S.—It is reported that Graham Fraser and J. Dix Fraser will establish a large brick-making plant here.

MOOSE JAW, N.W.T.—Rev. E J. Chegwin has begun a movement for the erection of a new Methodist church to cost $30,000.

GORE'S LANDING, ONT. — The wardens of St. George's church will likely invite new tenders in the spring for erection of a church.

DUNNVILLE, ONT.—It is proposed to submit a by-law to the ratepayers to raise $12,000 for the erection of a new High school building.

SYDNEY, N. S.—J. J. Curry, City Clerk, is this week taking tenders for erection of a warehouse, corner Brooklands and George streets.

FORT FRANCES, ONT. — The Council intend to construct sewers on a number of streets, at a cost of $12,000. F. H. Warner is town clerk.

MONCTON, N.B.—The Intercolonial Railway is preparing plans for new locomotive shops at this place, the cost of the buildings to be about $500,000.

HINTONBURG, ONT.—The ratepayers have adopted a report recommending the employment of a civil engineer to estimate the cost of a sewerage system.

WOODSTOCK, ONT.—Work will be commenced immediately on the building of a large gymnasium at the Boys' College to cost in the neighborhood of $10,000.

ARMSTRONG, B. C. — New York capitalists are forming a company to develop a water power on the Spallumcheen river for electric light and power purposes.

KAMLOOPS, B. C. — A committee has been appointed by the Town Council to take charge of the building of a fire hall, for which tenders are being taken this week.

REGINA, N.W.T.—The new Methodist church to be built next spring will be located on the corner of Victoria and Cornwall streets. It is estimated to cost $50,000.

FORT SASKATCHEWAN, N.W.T. —H. E. Daniel, Secretary-Treasurer, desires bids by Thursday, 30th inst., for purchase of $13,000 20-year 6 per cent. debentures.

BELLEVILLE, ONT.—It is expected that the Lehigh Portland Cement Company will commence early next spring the erection of their proposed cement works at this place.

BURK'S FALLS, ONT.—It is stated that the Algonquin Company, Limited, propose establishing a large plant here for the manufacture of wood alcohol, charcoal, etc.

JACQUET RIVER, N. B.—The Provincial Public Works Department have made surveys for a new stone and steel bridge over the Jacquet river, to cost about $15,000.

STRATFORD, ONT. — The City Council have decided to close a portion of Nile street to permit the Grand Trunk Railway to utilize the property as a site for a new station.

EGLINTON, ONT.—A. Simpson is about to erect a large brick residence on Merton street.—A. Mullins has purchased two lots on north side of Balliol street on which to build.

TRENTON, ONT.—Bids will be received by G. W. Ostrom, Town Clerk, up to Wednesday, December 6th, for purchase of $23,000 water power debentures, 30 years, 4 per cent.

MAHONE, N. S.—The acquisition of the electric light plant by the municipality is under consideration. If taken over it is proposed to rebuild the dam and install a new water wheel.

KINGSTON, ONT.—The Canadian Locomotive Works have asked the City Council to submit a by-law to the electors granting exemption from taxation in consideration of the works being enlarged.

MEDICINE HAT, N. W. T. — The Great West Sewer Pipe & Tile Company, which is to be capitalized at $1,000,000 and is being promoted by E.F. Hutchings and others of Winnipeg, purpose establishing a large plant here.

EAST TORONTO, ONT. — The Bell Telephone Company propose erecting a new building near the corner of Queen street and Lee ave.—The High School Board have completed arrangements for erection of new building.

NEW LISKEARD, ONT. — The Town Council have decided not to consider any further propositions for the establishment of waterworks and electric light plants, but to take steps towards the installation of municipal services.

BOBCAYGEON, ONT. — G. Grant has had plans prepared for the reconstruction of the Rockland Hotel covering the whole of the old site.—The ratepayers may vote on a by-law in January to raise $25,000 for the purchase of a water power.

DOMINION CITY, MAN.—A mass meeting was held recently in connection with the building of a railway and traffic bridge over the Red river at Morris. It is understood that the Canadian Northern Railway are willing to build the bridge if given a Government subsidy.

NORTH TORONTO, ONT. — The Board of Works last week considered the proposal for a new electric lighting plant and decided to leave the question for the new Council. It is estimated that a plant to provide 3,000 incandescent lights and 50 arc lights would cost $20,000.

RAINY RIVER, ONT.—A special committee appointed by the ratepayers to prepare a report on waterworks and sewerage systems for the town have reported that the cost of a waterworks system would be about $33,000, and a sewerage system $8,000. The work will likely be carried out.

QUEBEC, QUE. — The Protestant Board of School Commissioners have acquired the old Jeffrey Hale school property on St. Joachim street and intend erecting thereon a modern school building.

SARNIA, ONT.—It is rumored that the C.P.R. will extend their road to this town during the coming spring.—Tenders are invited by the Town Clerk up to Monday, December 4th, for construction of an asphalt block or vitrified brick pavement on Christina street, from George to Exmouth streets; cheque deposit, $500.

WELLAND, ONT. — M. Beatty & Sons are desirous of extending their factory, and unless they can make satisfactory arrangements with the Town in the near future, will consider propositions from other places.—Tenders are invited by W. H. Crowther, Chairman Waterworks Committee, up to Monday, December 4th, for trenching, laying, corking and filling about 5,000 feet of 10 inch iron pipe.

VICTORIA, B. C.—Hooper & Watkins, architects, have prepared plans and taken tenders for a two storey brick building to be erected on Johnson street. —Same architects have prepared plans for a children's ward to be built in connection with the Provincial Royal Jubilee Hospital, to be one storey and basement and built of brick.—W. W. Northcott, Purchasing Agent for the Corporation, invites tenders up to Monday, December 18th, for supply of valves, lead pipe, brass goods and pipe fittings.

OWEN SOUND, ONT.—The surveys for an electric railway from this place to Meaford are being made by the Huron and Ontario Electric Railway Company, which secured a charter some years ago.—The West street Methodist church congregation contemplate building a new church on the corner of Beech and West streets. Rev. W. N. Chantler is pastor.—The Board of the General and Marine Hospital have asked the County Council for $44,000 with which to build a wing to the hospital.

BARRIE, ONT.—It is understood that tenders will be invited this month for improvements to the post office.—Simcoe County Council have appointed a committee to report at the January session as to the advisibility of constructing a bridge over the Holland river south of Bradford.—A committee has recommended that a new bridge be constructed over the Sturgeon river east of Vasey.

BRANTFORD, ONT.—The report of Willis Chipman, C.E., Toronto, on surface drainage for this city, shows that there would be required a total of 34,450 feet of storm sewer, at an estimated cost of $71,500, and 300 catch basins costing approximately $13,500. If domestic sewerage and storm water are to be provided for West Brantford, there would be an extra charge of $13,000 for a pumping station, etc., and another $13,000 for Eagle Place.

PETERBORO, ONT. — The Fire, Water and Light Committee will recommend that the City Council submit a by-law to the ratepayers in January to raise $25,000 for fire protection. The proposed expenditures include $10,000 for new fire hall, $5,000 for steam engine, $3,000 for chemical engine, and $3,000 for extra ladders and hose.—Two new furnaces will be installed in All Saints church. — The Pre-Payment Electric Meter Company intend building a factory next spring, of sand-lime brick.

MONTREAL, QUE.—J. R. Barlow, City Surveyor, has given notice of the intention of the Council to construct 2 x 3 brick sewers and twelve inch tile pipes on portions of Mackay, St. Antoine, Fabre, Bubler, Beaubien and Breboeuf streets. —At a meeting of citizens held at the Board of Trade last week, it was decided to endeavor to secure the erection of a wing to the General Hospital as a memorial to the late Charles Alexander.—The trustees of St. Bridget's Home have purchased the property just north of the Unitarian church, Beaver Hall Hill, and intend making some changes in the building.

NEWCASTLE, N. B.—The Fire and Light Committee will ask for tenders for an Underwriter's pump of a capacity of 1,000 gallons of water per minute.—R. T. D. Aitken, Town Clerk, will receive tenders up to Monday, December 11th, for purchase of the following debentures: $60,000 waterworks and sewerage, 40 years, 4 per cent.; $16,000 electric light, 40 years, 4 per cent.; $27,000 water, sewerage and electric supplementary, 40 years, 4 per cent.; $19,000 industrial, 19 years, 4 per cent., $1,000 repayable annually. Further particulars from Dr. F. J. Desmond.

WINNIPEG, MAN. — H. Radford, sign painter, is having plans prepared for a six storey building.—W. Horwood, architect, is taking tenders for a new scoool to be built in East Kildonan, of frame and concrete.—The Mercantile Hockey League, of which J. Macklay is secretary-treasurer, have decided to proceed with the erection of a rink.—C. J. Brown, City Clerk, requests tenders by Monday, December 4th, for two new boilers for fire engines.—The Welshmen of this city contemplate building a hall.—The Y. W. C. A. have plans ready to erect a $60,000 building on corner of Vaughan and Ellice streets, work to be commenced next spring.—The members of Powers street Baptist church have decided to have plans prepared at once for a new church to be erected at the corner of Charles street and Burrows avenue. Rev. Christopher Burnett is pastor.—The Northern Bank has purchased the property at north-west corner of Main street and Selkirk avenue and will erect a temporary branch office thereon.—Owen Davis, president of the St. David's Society, states that the erection of a hall has been decided upon.

LONDON, ONT.—The City Council have decided to submit two by-laws to the ratepayers, one asking for $145,000 for a second main from Springbank and necessary extensions in the city, and the other for $106,500 for additional land at Springbank.—Dr. John D. Wilson, of this city, and Benjamin Britton and R. B. White, of Stratford, propose to erect an abattoir adjoining the city limits, at approximate cost of $125,000.—Plans are being prepared for an addition to the warehouse of John Marshall & Company, Carling street, to cost about $6,000. William Young, 513 Oxford street, has been granted a building permit for a brick residence.—The Grand Trunk Railway Company have purchased additional property for the extension of their yards.

OTTAWA, ONT.—A movement is on foot to submit a by-law to the ratepayers to provide for a new driveway leading from Creighton street across Rideau terrace to Beachwood ave., the work being estimated to cost $47,000.—Alderman Sanderson has submitted a resolution in Council to raise the sum of $30,000 for the erection of a public abattoir. —James Davidson, Chairman Board of Works, is asking for tenders by Thursday, December 7th, for a scavenging system for the city.—It is stated that the Grand Trunk Railway Company will spend $2,000,000 in this city before the

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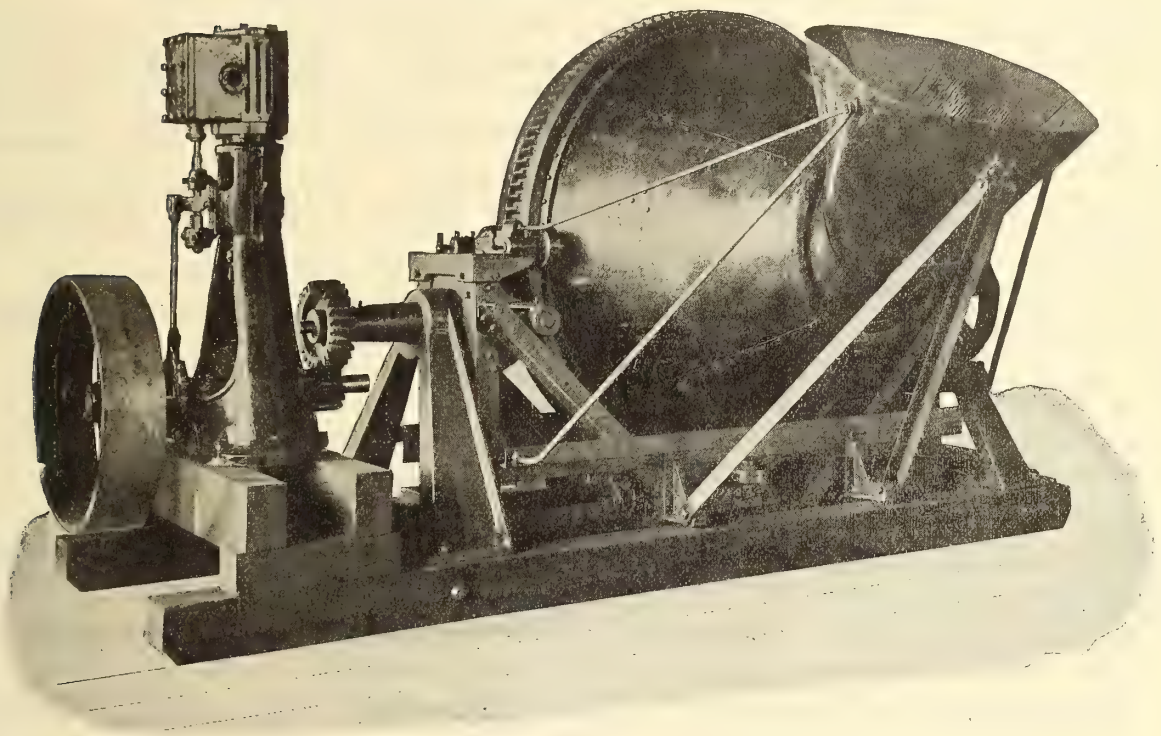

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MONTREAL

new central station, hotel and terminal facilities are completed.—The Clemow Estate is having plans prepared for an eight-storey apartment house to be erected on the corner of Sussex street and Mackenzie ave. It will be of fireproof construction and will cost about $180,000. W. F. Powell is manager of the estate.—The Order of Elks have secured an option on property on Metcalfe street on which to erect a building estimated to cost $18,000. The Elks will occupy the main floor, while the upper stories will consist of apartments.

VANCOUVER, B.C. — McLennan, McFeeley & Company are having plans prepared for a large wholesale warehouse to be built on the north-west corner of Cordova street east and Columbia ave.—Hooper & Watkins, architects, have just taken tenders on a stone and brick building to be erected on corner of Pender and Hamilton streets for the Oddfellows Lodge No. 10.—The Home Telephone Company, represented by W. J. Arment, of Portland, will make application to the City Council for a franchise for a telephone system.—Edward Cook will add two stories to his block on Water street, between Cambie and Abbott streets.—Competitive plans will probably be called for by the City Council for the improvement of the tide flats at the head of False Creek. — A. Grossman intends erecting a four-storey hotel on corner of Cordova and Abbott streets.—The British Columbia Telephone Company are about to erect a new building on Seymour street, in which a modern switchboard will be installed.—Atkins & Johnston have purchased the property at south-west corner of Cordova street east and Westminster ave. and intend making important improvements.—M. Des-Brisay has purchased the south-east corner of Hastings and Howe streets and will likely erect a building thereon next spring.

HAMILTON, ONT.—The Hamilton Cotton Company will double the capacity of their mills.—The Sewers Committee have decided to submit a by-law to the ratepayers to raise $21,000 to build a system of flood sewers.—Building permits have been granted as follows: F. W. Bird & Sons, brick paint shop and tank house, cost $4,000, George F. Webb, contractor; William Havercroft, cement brick house, corner Poplar and Fairleigh avenues, cost $1,300; F. J. Lyne, brick house, Wentworth street, cost $1,600; George White, two brick houses, Main street, between Walnut street and Ferguson avenue, $3,200; John Duff & Sons, brick and frame factory, corner Brant and Hilliard streets, cost $10,000; F. S. Dupew, two brick houses, St. Matthews avenue, cost $1,600 each.—Hon. J. M. Gibson will build two houses on Birch ave., north of Barton.—Poag Bros. will build two houses on Park st.—J. C. Slater, of Waterdown, has purchased the Parrett property at Steven and Nightingale streets on which to erect two houses. He has also bought 104 feet on King street east, between Wentworth street and Sanford ave., which he will probably utilize for building purposes.—W. H. McLaren has purchased a lot on Stanley ave. on which he will erect a handsome residence.—J. North will build on a lot recently acquired on Kent street.

TORONTO, ONT. — Tenders are wanted at 41 Huron street for erection of brick houses on Beatrice street.—The Board of the Berkeley street Methodist church contemplate making interior alterations to the church, at a probable cost of $4,000.—East & Company, trunk and umbrella manufacturers, have secur-

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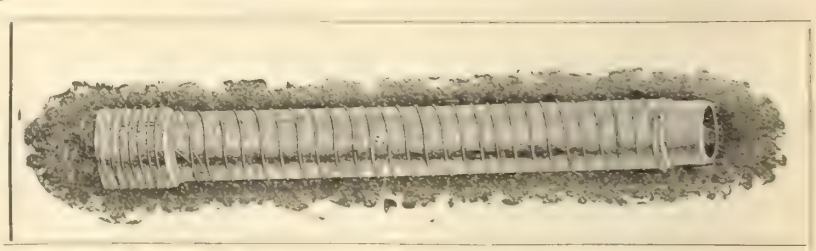

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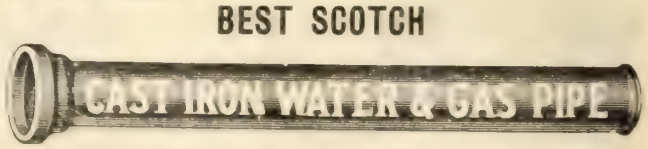

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ed additional property and contemplate further enlarging their factory on Yonge street.—The Standard Bank has purchased the property on the south-east corner of Yonge and Charles streets, and will either remodel the building or erect a new structure on the site.—The Fairbanks-Morse Canadian Manufacturing Company, 1379 Bloor street west, want tenders on 500 squares of roofing.—The Varsity Athletic Directorate are considering plans for the erection of modern steel stands in the atheletic field, the work to be commenced in the spring.—Building permits have been granted as follows: Wm. B. Reid, three 2-story dwellings, Shuddell ave., cost $3,800; Thos. E. Menzies, pair 2-story brick and stone dwellings, Farnham ave., cost $5,000; Wm. A. Hutchison, 3-story brick residence, Balmoral ave., cost $3,200; Miss C. A. Taylor and Margaret Falconer, two 2½-story brick dwellings, Boustead ave., cost $4,000; H. A. Pye, 2½-story brick dwelling, Rusholme road, near Dewson street, cost $5,000; Lewis Le Grow, three 2-story brick and stone dwellings, 883-7 Bathurst street, cost $6,500; Jean Grafton, pair 2-story roughcast and brick dwellings, Bellwoods ave., cost $3,000; Geo. Phillips, 2-story brick dwelling, 72½ Robert street, cost $3,000; P. Sheedy, 2-story and attic brick dwelling, 282-290 Wilton ave., cost $5,500; H. Elgie, pair 2-story brick and stone dwellings, Havelock street, cost $5,400; W. H. C. Summerfelt, 3-story stone, brick and wood drug store building, cor. Bloor street and Hamburg ave., cost $4,500; Samuel Crane, 2-story and attic brick and stone dwelling, St. George street, near Dupont, cost $4,000; John P. Holden, 2½-story brick and concrete dwelling, Palmerston ave., near Harbord street, cost $7,000; P. W. Campbell, 2-story and attic brick dwelling, Bathurst street, cost $4,000; John Croft, 2-story brick dwelling, 5 Lamport street, cost $6,000; Henry Larkins, pair 2-story brick dwellings, Brock ave., near Dundas street, cost $4,000; H. Galbraith, pair 2-story stone and brick dwellings, 242-244 Beatrice street, near College, cost $4,500.

FIRES.

Grist mills of P. R. Hoover & Sons, Green River, Ont., totally destroyed; loss $12,000.—Moulding and pattern shop and engine room of the A. C. Thompson Company, Lunenburg, N.S.; loss $20,000, insurance $11,000.—Building at 131 and 133 Youville street, Montreal, occupied by Lejeunesse & Duclos, provision merchants, and Montreal Hat and Cap Company, partially destroyed; loss $10,000.—Warehouse of the Whitelaw Company, Edmonton, N.W.T., loss $4,000.—Factory of the Hamilton Facing Mill Company, Hamilton, Ont., damaged to the extent of $20,000.—Hutchinson's saw mill at Prince Albert, N.W.T., totally destroyed, loss $8,000.

CONTRACTS AWARDED.

VANCOUVER, B. C.—Two additional stories on block owned by Major-General Twigge on Water street, between Cambie and Abbott streets: Edward Cook, contractor.

SYDNEY MINES, N. S.—New St. Andrew's Presbyterian church: M. McMillan, of North Sydney, successful tenderer, $15,700.

RICHIBUCTO, N. B.—Extension of breakwater for Dominion Government: John Jardine, of Jardineville, successful tenderer, about $17,000.

HEADINGLY, MAN. — Erection of school house: Excavation of basement and drain, R. Taylor; carpentry and masonry, J. B. Morrison.

TORONTO, ONT.—Contracts for civic supplies were last week awarded as follows: Brass and bronze castings, Dean Bros.; sand, Sand & Dredging Company, 90 cents per cubic yard west of Simcoe street, anp 95 cents east of Simcoe street; sewer bricks, Don Valley Brick Works, $11 per thousand west of Simcoe street, and $10 east of Simcoe street; stop valves, Canada Steam Pump & Machine Company. Tenders for other supplies were submitted to the City Engineer for a report.

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The new Quebec bridge which is to span the River St. Lawrence from the Chaudiere, on the south side, to Cape Rouge, on the north side, seven miles west of Quebec, will be one of the most wonderful structures in the world. The weight of metal to be put in the structure will be 33,000 tons. The metal parts to be used in putting together the gigantic structure weigh from five to one hundred tons each. Special cars had to be constructed to carry the metal from the mills to the Chaudiere, where electric travelling cranes were erected to handle the same. The approach work from the Chaudiere or main line of the I.C.R. and G.T.R. is a big contract in itself, and, besides three miles of trestle work, rock cutting and culverts, includes a steel bridge eight hundred feet in length across the Chaudiere river. The main bridge is now well under way, and the contractors are confident that it will be completed by the fall of 1907, barring unforeseen accidents.

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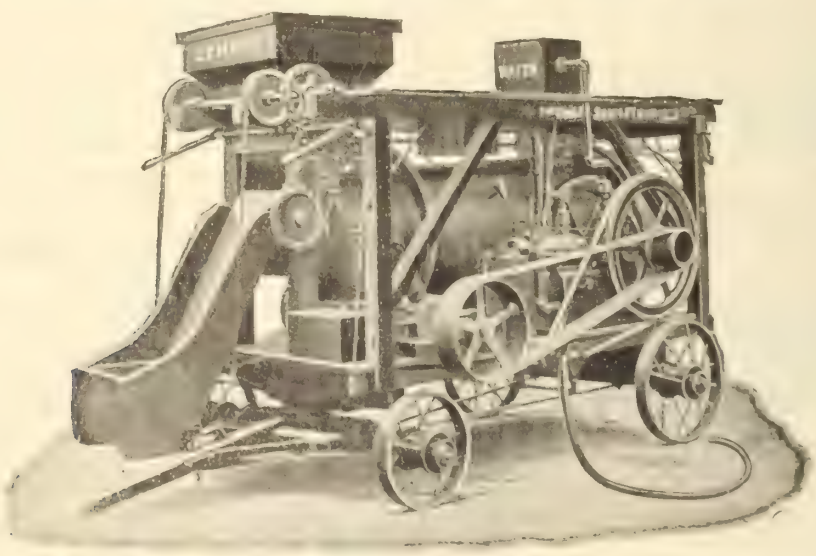

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BRANTFORD, CANADA

NEW COMPANIES.

Eureka Manufacturing Company, Sussex, N. B., incorporated, capital $24,000, to manufacture acetylene gas generators. Promoters, George W. Fowler and M. W. Carrier, of Sussex, and others.

Jacquet River Lumber Company, Calhoun, N. B., incorporated, capital $45,000.

Manitou Gas Company, Limited, Manitou. Man., incorporated. Promoters, D. D. McTavish and J. C. King, of St. Catharines, Ont., R. A. Wylie, of Winnipeg, and John Wooton and R. J. Chalmers, of Manitou.

Berry Lubricator & Machine Company, Ottawa, incorporated, capital $250,000, to manufacture lubricators and other mechanical devices. Promoters, James Walker and Andrew Wilson, of Montreal, and others.

R. E. Kinsman Lumber Company, Limited, Hamilton, Ont., i corporated, capital $50,000. Directors, R. E. Kinsman, W. M. McClemont, and others.

Temagami Mining & Milling Company, Limited, Toronto, incorporated, capital $40,000. Directors, C. L. Beckwith, L. O. Hedden, and others.

Hastings Milling Company, Limited, Hastings, Ont., incorporated, capital $75,000, to carry on a flour milling business. Directors, Richard Walsh, J. J. English, and others.

Worth-Martin Company, Limited, Toronto, incorporated, capital $100,000, to manufacture vending slot machines, etc. Directors, Robert Worth, Hugh Munro, Joseph Oliver, L. L. Martin and W. E. Hamill.

Standard Tin Works, Limited, Toronto, incorporated, capital $40,000. Directors, J. A. McGolpin, T. H. Cook, and others.

Temiscamingue Reduction Works, Limited, Cobalt, Ont., incorporated, capital $166,000. Directors, Peter Kirkegaard, C. L. Benedict and George Ritchie.

Holste n Farmers Manufacturing & Supply Company, Limited, Holstein, Ont., capital $60,000, to manufacture farm implements, machinery, etc. Directors, G. T. Calder, T. J. Jordan, and others.

Window Glass Company of Canada, Limited, Cayuga, Ont., incorporated, capital $40,000. Directors, Maxwell McClung, D. P. Foster, Michael McConnell, J. W. Sheppard and A. K. Goodman.

Canada Turpentine Company, Limited, Ottawa, incorporated, capital $200,000. Directors, R. A. Sibbitt, A. K. McLean, of Ottawa, and others.

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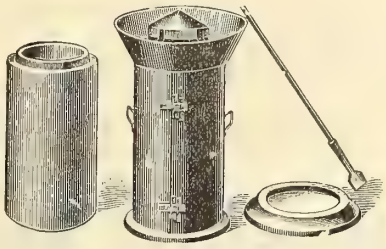

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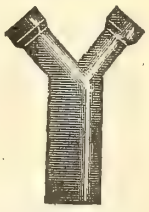

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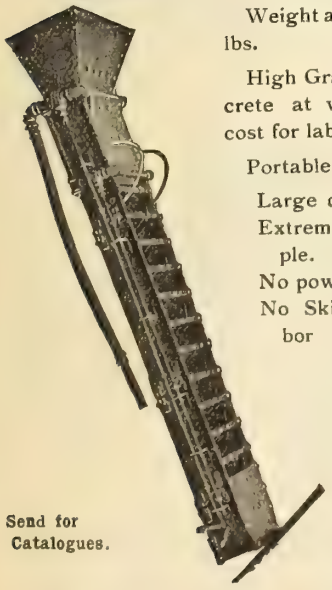

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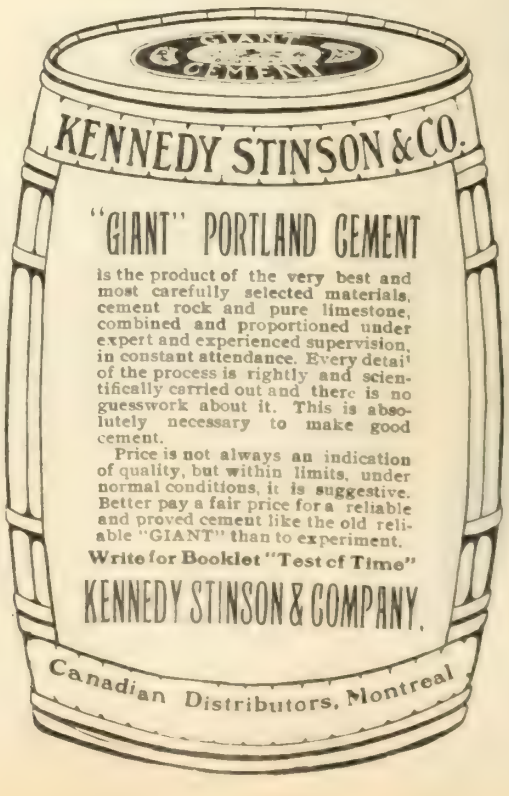

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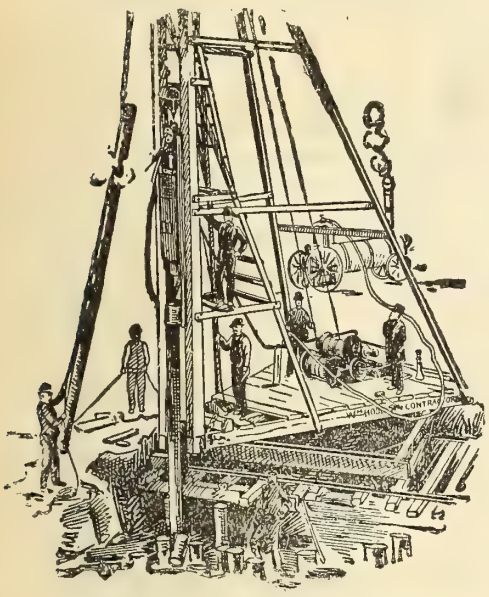

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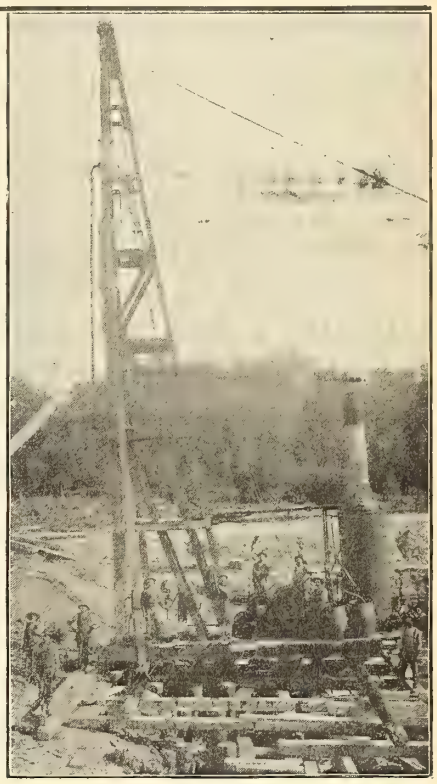

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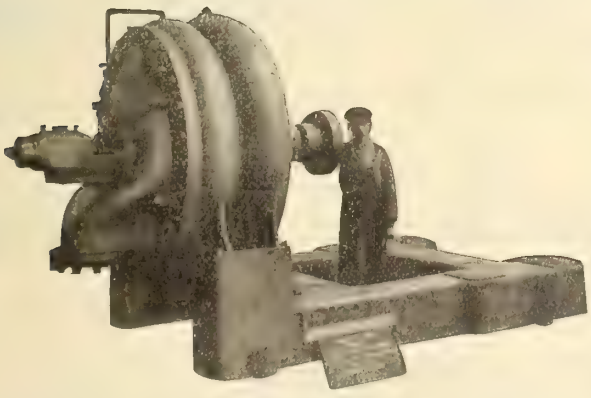

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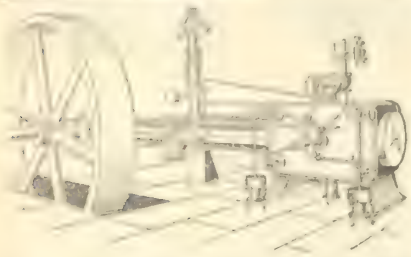

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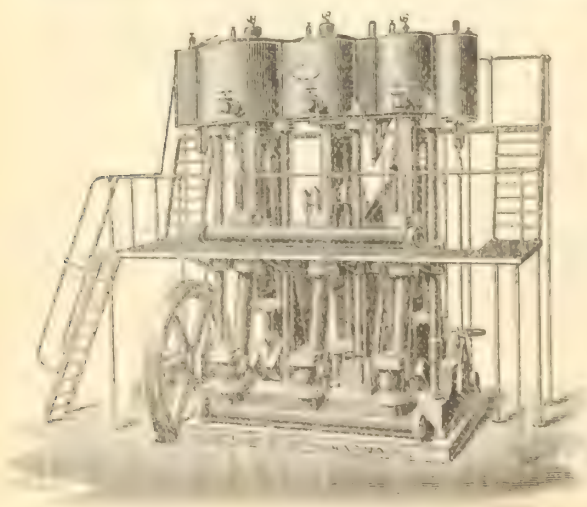

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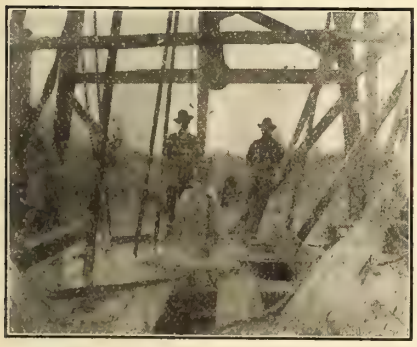

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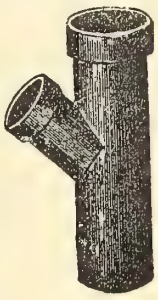

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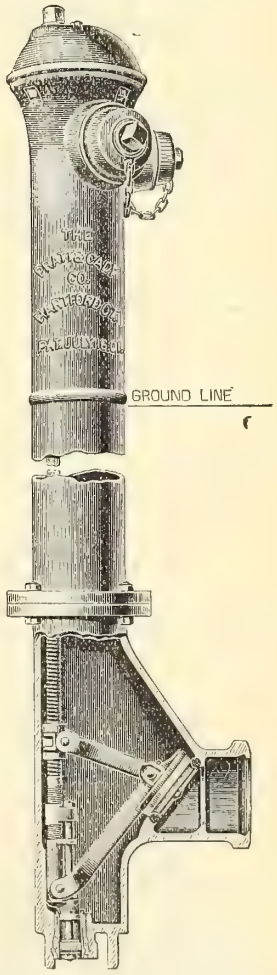

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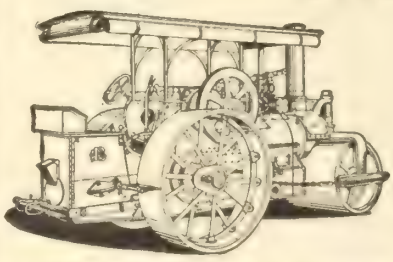

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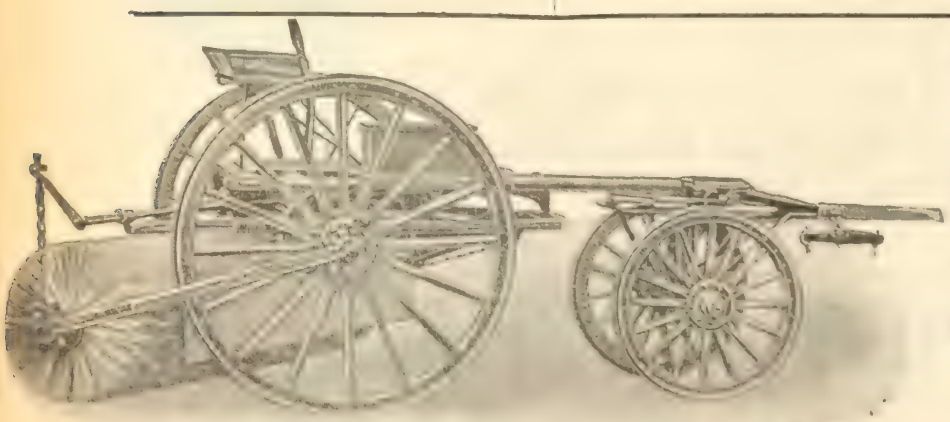

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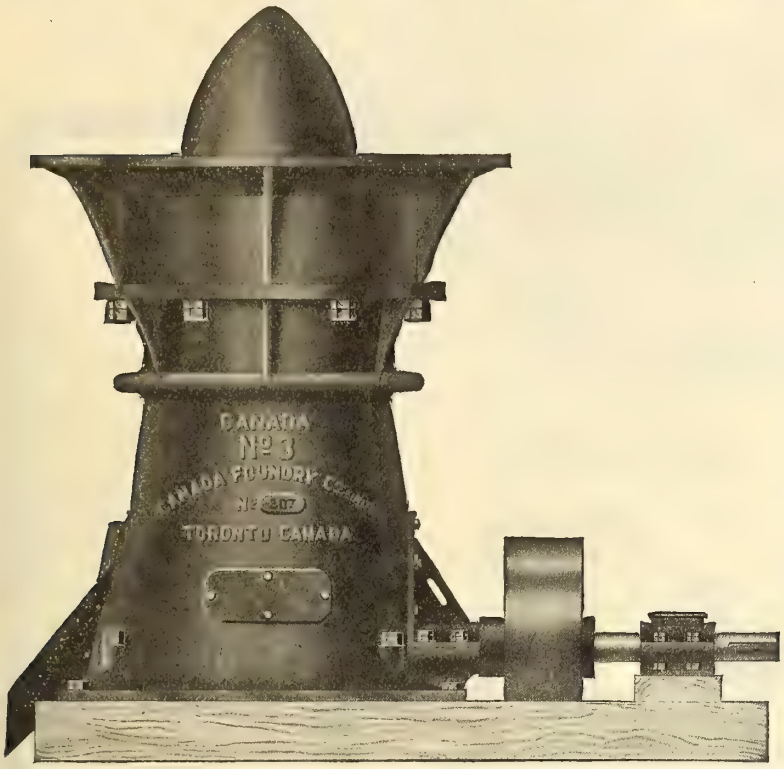

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CANADIAN

Contract Record

A Weekly Journal of Public Works, Tenders, Advance Information and Municipal Progress

This Paper Reaches Every Week the Town and City Clerks, Town and City Engineers, County Clerks and County Engineers, Purchasers of Municipal Debentures and Leading Contractors in All Lines Throughout Canada

VOL. 16. TORONTO, MONTREAL — DECEMBER 6, 1905 — WINNIPEG, VANCOUVER No. 40

THE CANADIAN CONTRACT RECORD
PUBLISHED EVERY WEDNESDAY
As an Intermediate Edition of the Canadian Architect and Builder.

THE C. H. MORTIMER PUBLISHING COMPANY
of Toronto, Limited,

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WANTED

An Architectural Draughtsman, to commence work on or before January 1st, 1906. State experience and salary expected. Address "Architect," care CONTRACT RECORD, Toronto.

DEBENTURES

Sealed tenders, addressed to the undersigned, will be received up to noon of THURSDAY, DECEMBER 14TH, 1905, for the following debentures of the city of Niagara Falls, namely: $16,785.37, thirty years, 5 per cent. Issued for brick pavement roadway purposes, dated November 20th, 1905.

Said Debentures, Principal and Interest, are payable at the City Treasurer's Office, Niagara Falls, Canada, annually.

Purchasers to pay accrued interest from November 20th, 1905.

Delivery at Niagara Falls, Canada.

Further particulars can be obtained on application.

Highest or any tender not necessarily accepted.

JOHN ROBINSON,
Clerk.

Niagara Falls, Canada,
November 22nd, 1905.

TOWN OF KINCARDINE

TENDERS FOR SEWERS

Sealed tenders addressed to J. H. Scougall, Esq., Town Clerk, will be received by the Corporation of the town of Kincardine up to DECEMBER 18TH, 1905, for the construction and completion of the proposed sewerage system for the town, subject to plans and specifications prepared for same. Each proposal must be accompanied by a certified bank cheque for six (6) per cent. of the amount of the bid, payable to the town treasurer, said cheque to be returned to the person making the proposal, unless he fails to execute the contract should it be awarded to him.

Plans and specifications may be seen or a copy can be obtained by writing W. Hunter, Chairman Sewerage Committee.

The town reserve the right to reject any or all proposals,

J. C. COOKE,
Mayor.

W. HUNTER,
Chairman Sewerage Committee

Debentures for Sale

The Town of Red Deer, Alberta, have the following Municipal debentures for sale :—

$10,000 ten years bearing 5%.
$4,000 five " " 5%.
$1,500 five " " 5%.

Tenders for the whole or part thereof will be received by the undersigned up to noon the 31ST DAY OF DECEMBER, 1905.

The highest or any tender not necessarily accepted.

L. C. FULMER,
Secty.-Treas.

Fredericton Debentures

Sealed tenders marked "Tenders for Debentures," and addressed to the undersigned, will be received at the office of the City Clerk, Fredericton, N.B., until MONDAY, DECEMBER 11TH NEXT, at noon, for Ten Thousand Dollars Fredericton Water Debentures in sums of $500 each, bearing four per cent interest, payable half-yearly. Debentures will be dated December 15th, 1905, and run for thirty years.

Lowest or any tender not necessarily accepted.

J. W. McCREADY,
City Clerk.

Fredericton, N.B., Nov. 16th, 1905.

TOWN OF BRACEBRIDGE

DEBENTURES FOR SALE

Sealed tenders will be received up to noon on the 15TH DAY OF DECEMBER, 1905, for $14,000 Electric Light Extension Debentures of the Town of Bracebridge bearing interest at 4½ per cent. and repayable in 20 equal annual installments of $1,076.27 principal and interest.

The highest or any tender not necessarily accepted.

ALEX. C. SALMON,
Town Clerk.

Bracebridge, November 29th, 1905.

Tenders For Debentures

Tenders will be received by the undersigned up till 6 p.m., MONDAY, DECEMBER 11TH, 1905, for :

A. $25,500 4½ per cent. 20 years debentures.
B. $20,000 4½ per cent. 30 years debentures.
C. $8,492 4 per cent. 30 years local improvement debenturers.

All of the Town of Perth, Ont.

The Council of the Town of Perth do not bind themselves to accept the lowest or any tender. For further information apply to

J. A. KERR, Town Clerk.
C. J. FOY, Mayor.

CONTRACTS OPEN.

GRAND FALLS, N. B.—The Episcopal congregation intend building a new edifice next year.

WINDSOR, ONT. — The Michigan Central Railway will build a subway for the Dougall road crossing.

LUNENBURG, N.S.—A. C. Thompson & Company are having plans prepared for a new foundry building.

AYLMER, ONT. — The by-law to grant a loan of $20,000 to the Aylmer Iron Works was carried last week by a large majority.

EDMONTON, N.W.T.—The Council will likely take definite action this week in respect to the selection of a site for a new post office.

ANNAPOLIS, N. S.—It is reported that George Corbitt, of this town, will erect a steam saw mill on the Whitman property, Torbrook.

PRESTON, ONT. — A public meeting will be held shortly to consider a proposition for installation of waterworks and sewerage systems.

ST. HUBERT, QUE. — The Grand Trunk Railway propose to double-track their line from this place to Ste. Rosalie, a distance of 28 miles.

REGINA, N.W.T. — J. H. Haslam has purchased property with a frontage of 200 feet on which he will erect a business block next year.

OWEN SOUND, ONT.—The town will get a temporary loan of $7,325 for purchasing fire appliances and making approaches to the river.

HUNTSVILLE, ONT. — Judge W. C. Mahaffy, of the District Court of Muskoka, has recommended the erection of a new goal in this district.

CAMPBELLFORD, ONT. — The Trent Valley Woollen Mills intend building a new dam. John S. Fielding, C.E., Toronto, is preparing the plans.

HALIFAX, N.S.—The building to be erected by the Canadian Bank of Commerce at corner of George and Granville streets will cost about $100,000.

BRANDON, MAN.—The Montreal Fur Manufacturing Company will erect a three storey building, 50 × 20 feet, on Rosser avenue and Seventh street.

BELLEVILLE, ONT.— The City Council have accepted the offer of H. Corby to give $10,000 for a new public library if the city will furnish a site.

DUNDALK, ONT. — T. Hanbury, Village Clerk, will receive bids up to Saturday, 9th inst., for purchase of $7,000 4½ per cent. 20 year debentures.

CARLETON PLACE, ONT.—E. T. Wilkie, C. E., is making surveys for a branch of the C. P. R. to be constructed between this place and Sharbot Lake.

MONTCALM, MAN.—Joseph Baril, Secretary-Treasurer of the Municapility, is asking for bids up to 20th inst. for purchase of $25,000 20-year debentures.

SOURIS, MAN. — J. W. Breakey, Secretary-Treasurer of the Town, will receive bids up to December 28th for purchase of $5,000 5 per cent. 20 year debentures.

PORT HOPE, ONT.—J. H. Helm will build a concrete dam at this place. John S. Fielding, consulting engineer,

[illegible]

SYDNEY, N.S.—It is learned that [illegible] ly be awarded.

[illegible] MAN. [illegible] Council have passed a by-law authorizing the Mather school district to borrow $3,500 for purchase of site and building a new school.

WELLAND, ONT.—The Council have given the third reading to a by-law providing $10,000 for the extension of the waterworks main to the Plymouth Cordage Company's plant.

ST. BONIFACE, MAN.—The Council will receive tenders up to December 8th for paving with asphalt, bitulithic or creosoted blocks, Tache avenue and Berry and Eugene streets.

OTTAWA, ONT.—The Ottawa Driving Club have acquired the Murphy property on the Aylmer road for the purpose of building a race track; estimated cost of construction, $25,000.

LINDSAY, ONT.—Mariposa Township Council have given the first reading to a by-law to issue debentures for $10,000 for the purpose of constructing steel or cement bridges in the township.

NEW WESTMINSTER, B.C.—The Vancouver, Westminster & Yukon Railway have applied for a lease of certain property on the waterfront on which to build docks to the value of $25,000.

CHARLOTTETOWN, P. E. I.—D. Dottinger, manager Intercolonial Railway, Moncton, N. B., wants tenders by December 26th for erection of stone passenger station and baggage room here.

QUEBEC, QUE.—The City Council have withdrawn the advertisement inviting tenders for stone, nails, deals, and other supplies and for electric lighting. Tenders for these will be invited in April next.

TORONTO JUNCTION, ONT.—William Speers has had plans prepared for a business block to be built on Dundas street, opposite Medland.—It is likely that new plans will be invited for a fire hall.

HASTINGS, ONT.—The Central Milling Company has been organized to acquire and operate H. W. Fowlds' mill. John Collins is president. It is proposed to remodel and increase the capacity of the mill.

SYDNEY MINES, N.S.—The Y.M.C.A. have purchased the building they now occupy and will at once erect a large gymnasium. In the spring they will replace the present building with a modern structure.

ORCHARD POINT, ONT.—The Orchard Point Company, Limited, which was recently organized, intend to build a new wing to the Orchard Point Inn. R. H. Jupp, of Orillia, is president of the company.

GLENCOE, ONT.—Representatives of this town have completed arrangements with the Canada Cordage Flax Company to establish a binder twine factory and fibre mills here, $75,000 to be spent on buildings and machinery.

HAMILTON, ONT.—The congregation of the Gospel Tabernacle have decided to build a new church. About $5,000 has been subscribed.—A $4,000 addition is to be built to the Kuntz brewery, corner of Market and Bay streets.

CARIBOU, B.C.—A. E. Snider and Robert Lowe have applied for the incorporation of the Carcross Water & Power Company, to install and operate waterworks, electric light and telephone systems. The capital is $50,000.

DURHAM, ONT.—A by-law will be submitted to the electors to grant a loan of $10,000 to Charter Smith, who proposes to extend his business and go into the manufacture of gasoline engines, threshing machines and school desks.

LETHBRIDGE, N. W. T.—The C. P. R. have decided to relay with new steel rails next year the entire Crow's Nest Pass line from this place to Kootenay Landing, a distance of 211 miles. The work is estimated to cost $1,250,000.

BRACEBRIDGE, ONT.—Tenders received by A. C. Salmon, Town Clerk, up to noon on Monday, 11th inst., for supply of the following: One 300 kw. generator, one marble switchboard, one exciter, one pair horizontal water wheels, one exciter wheel, penstock, draft tube, flume and hoisting gear for head gate.

VICTORIA, B.C.—It is likely that new tenders will be invited for the erection of a new office building for the British Columbia Electric Railway Company.—It is stated that the C.P.R. contemplate removing their car shops and roundhouse from Wellington to this place.

KINGSTON, ONT.—The purchase of new arc lamps for street lighting is being considered by the Light, Heat and Power Committee.—The Davis Tannery Company will spend $50,000 on factory extensions if given exemption from taxation for 20 years.

STRATHCONA, N. W. T.—It is stated that W. S. Dwinnell, of Minneapolis, intends erecting a saw mill at this place, and that W. H. Clark, of Edmonton, will be manager.—The Council have decided to call for tenders for a new engine for the electric light plant.

FORT WILLIAM, ONT.—Mr. Froedham has purchased property at corner of May and Leith streets on which he intends building a three or four storey block next year.—A by-law to raise $20,000 for improving and extending the waterworks system will be submitted on January, 2nd.

CLINTON, ONT.—The town has entered into an agreement with the Clinton Electric Light Company under which the latter will provide a system of waterworks and erect a stand-pipe, and a by-law to issue $20,000 of civic debentures to pay for same will be submitted to the ratepayers on January 2nd.

ARNPRIOR, ONT.—McLachlin Bros. have asked the town for a guarantee of $3,000 per year for ten years for the building of a new dam on the Madawaska river, in return for which electric power would be furnished for operating the town waterworks.

MOOSE JAW, N.W.T.—The by-law to raise $30,000 by the issue of debentures to defray the cost of extending the electric light plant was carried last week.—The trustees of the Methodist church have decided to build a new edifice as soon as arrangements can be made, at an estimated cost of $40,000.

ST. CATHARINES, ONT.—R. E. Speakman, city engineer, has reported that a brick pavement on St. Paul street would cost $19,000.—A by-law will be submitted to the ratepayers to raise $20,000 for the purpose of extending the sewerage system, the work to be done next year.

CALGARY, N. W. T.—Work will shortly be commenced on a steel bridge to be built across the Bow river at Bow Marsh by the Provincial Government.—By-laws will shortly be submitted to the ratepayers to raise $10,000 for a crematory and $6,000 for a road roller and rock crusher.—Premier Rutherford has announced that a Normal school will be erected here.

COBOURG, ONT.—The County Council intend, in the spring, to erect a new gaol here, and remodel the present building into a home for the aged; probable cost of both, $35,000.—A charter has been granted to the Northumberland-Durham Power Company, Limited, with a capital of $750,000. It is proposed to develop a water power at Healy Falls. W. J. Crossen, of this place, and J. A. Culverwell, of Port Hope, are interested.

BRANTFORD, ONT.—Fred Corey has been granted a permit for a new store and residence to be built on Colborne street, at a cost of $6,000.—It is probable that the Water Commissioners will install meters on the services of all the large consumers.—The Public School Board have decided to ask the City Council to submit a by law to the electors in January to raise $45,000 for additions to the Darling and Huron street schools.

CHATHAM, ONT.—J. W. Shackleton, C.E., will receive tenders up to Saturday, 9th inst., for furnishing a 20 h.p. engine and boiler and construction of concrete wheel channel dams, sluiceways, etc., for the Cadotte drainage works.—T. H. Taylor & Company have just taken tenders on erection of a new office and store on William street, from plans by T. J. Rutley, architect.

STRATFORD, ONT.—On January 1 next a by-law will be submitted to the ratepayers guaranteeing bonds to the amount of $20,000 to a company to manufacture wooden boxes. The company, of which David Gilchrist, of Toronto, is the promoter, agree to erect a brick, stone and concrete building 240 × 67 feet, two and one half stories high.—It is reported that the C.P.R. will next spring extend their line northward from this city to Linwood.

MONTREAL, QUE.—A cable from President Mackenzie, of the Canadian Northern Railway, who is now in England, states that arrangements have been concluded by which the company has secured $6,000,000, and it is understood that early next spring they will begin the construction of the proposed line between Port Arthur and Montreal.—The Quebec Southern Railway has been purchased by the Deleware and Hudson Railway, and the building of a connecting link between Noyau Junction and Rouse's Point will likely be undertaken.—It is reported that the Grand Trunk Railway Company have in view the erection of a new passenger depot in this city, with elevated tracks leading thereto, the site to be on the north side of St. James street opposite Bonaventure depot.—John D. Duncan and Norman W. Lyster have purchased property at the corner of Dorchester and Mountain streets and are having plans prepared by MacVicar & Heriot, architects, for a modern milk depot, three stories in height and equipped with a cold storage system. Work will commence in the early spring.

WINNIPEG, MAN.—Herbert B. Rugh is the architect of the Y. W. C. A. building to be erected next spring on Vaughan street. It will be four stories and basement, of red brick and stone and cost in the neighborhood of $60,000.—The Winnipeg Rowing Club are considering the erection of a new club house.—Z. Malhoit, resident engineer of the Dominion Public Works Department, has prepared a report on the improvements necessary to keep the water in Last Mountain lake at a normal level. He recommends the construction of a large dam.—Among the civic works to be undertaken are the following: Sewers—Athol avenue, from Main to Scotia street, cost $3,159.50; Fisher street and Park Place, from Balfour avenue to Bartlett avenue, cost $10,366; Polson avenue, from Main street to Power street, cost $25,854. Asphalt pavements—Athol avenue, from Main street to Scotia street, cost $18,590.55; Fawcett avenue, from Maryland

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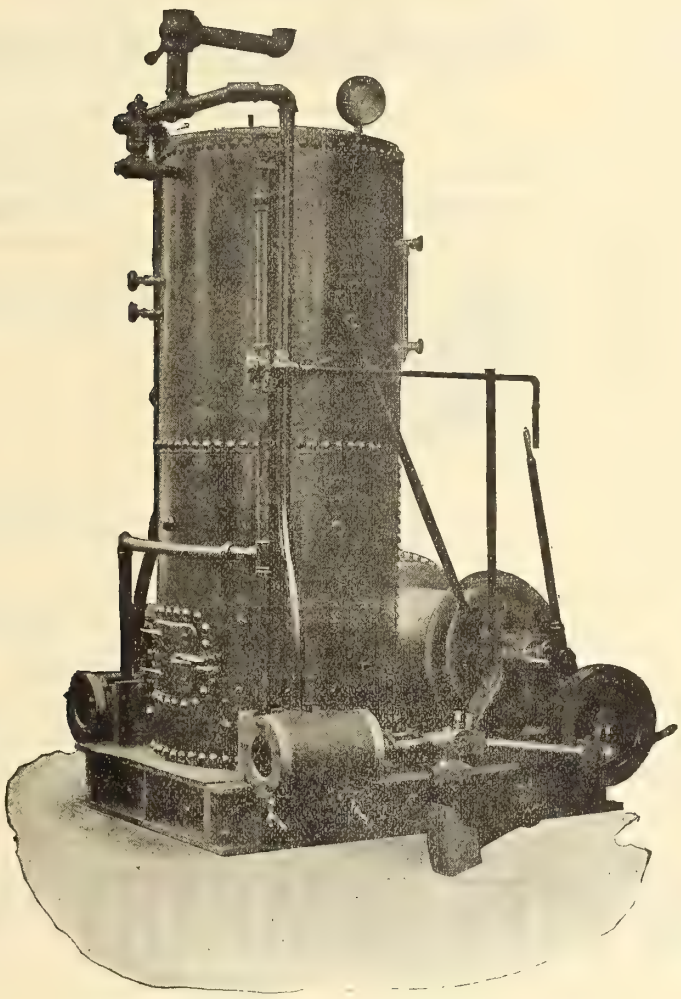

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Selling Agents for Canada

MONTREAL

[illegible] mill [illegible]—The British North American Peat Fuel Company has been incorporated here and will commence operations next month.

VANCOUVER, B.C.—The Calgary Milling Company and the Alberta Pacific Milling Company both contemplate erecting grain elevators in this city and have secured sites for the purpose.—The Hall Elevator Company are preparing the site for their elevator to be erected in the vicinity of Recreation Park.—J. S. Emerson has decided to build a saw mill in this city instead of at Greenway Sound.—It is stated that the Midland and Vernon Railway will be extended to this city.—A company recently incorporated has made application for 1,500 miner's inches of water to be taken from Seymour Creek for the purpose of providing a water supply for the municipalities of Richmond, South Vancouver and Burnaby.—Carl Berch has leased the old Y.M.C.A. building for a term of 21 years and proposes expending about $65,000 on alterations and improvements.—It is expected that contracts will be awarded in the near future for much of the 140 miles of railway between Midland and Vernon, to be constructed by the Midland and Vernon Railway Company. D. H. MacDowell, of Victoria, is secretary-treasurer of the company.—The Canadian Bank of Commerce will erect a fine office building on the south-east corner of Hastings and Granville streets. The plans are now being prepared and work will commence about February 1st.—The Imperial Oil Company have been granted a permit for a new warehouse on Cambie street, to cost $3,500.—M. Desbrisay has purchased property on the south-east corner of Hastings and Howe streets on which he will likely build in the spring.

TORONTO, ONT.—A committee has recommended the appointment of Messrs. Sproatt & Rolph as architects for the proposed new general hospital, with Mr. S.C. Curry as consulting architect.—The County Council last week appointed a committee to report on the building of a bridge over the Holland river. The building of a steel bridge over the Rouge river south of Markham will be considered at the January session of the Council. The County Engineer estimates the cost at $10,000.—It is reported that a scheme is on foot to erect a first-class hotel on the property of Lord Carnarvon at the south-east corner of Bay and Wellington streets. The project is backed by New York capitalists.—It is understood that the power house of the Metropolitan Railway at Bond Lake will be enlarged in the spring.—The Toronto district W.C.T.U. have decided to sell their building on the corner of Elm and Terauley streets, with the object of erecting a more suitable structure elsewhere.—The Property Committee of the Board of Education have authorized Superintendent Bishop and Trustees Levee, Davis and Simpson to select a site for a High school east of the Don.—R. C. Harris, Property Commissioner, has recommended that a new 70 h. p. boiler be installed at the gaol.—The City Engineer has recommended the construction of the following pavements: Birch avenue, from Yonge street to west end, asphalt, cost $8,381; Bernard avenue, from St. George street to Spadina road, cost $5,206; Hepbourne street, from Ossington avenue to Dovercourt road, asphalt, cost $5,425; Northcote avenue, from Queen to Afton, cost $9,538; Delaware avenue, from Bloor to Shanley

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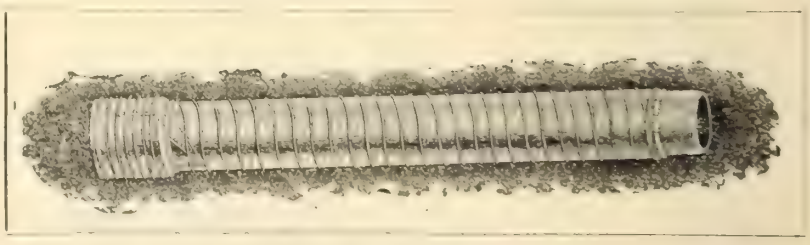

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500 " " " " " " " " " 4" × 20 × 12 "

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street, asphalt, cost $202; Charlotte street from King to Adelaide, brick, cost $3,734 Delaware avenue, from Stanley to Van Horne, cost $13,106; macadam roadway through High Park, from Indian road to east shore of Grenadier Pond, cost $29,941.—A 12 inch tile pipe sewer is recommended on Davenport road and Poplar Plains road, from Dupont street to 290 feet north of McPherson avenue, cost $1,845, also the following cement concrete sidewalks: Knox street, from Queen to Eastern avenue, $1,228; Gordon avenue, from Sheridan avenue to Dufferin street, $806; Wellington avenue, from Bathurst to Niagara, $1,490; Queen, from John street to Spadina avenue, excepting 120 feet, firehall and Nos. 363 and 365 and Britnell's Place, $3,603; Brock avenue, from Cunningham street to a point 257 feet north, excepting 35 feet between rails, $220; Atkins avenue, from Brock avenue to Sheridan avenue, $1,391; Parliament, from Winchester to Wellesley, $869; Sackville, from Winchester to Wellesley, $787; Borden, from College to Ulster, $1,831; Leslie, from Queen to Gerrard, $3,657; Bernard avenue, from Walmer road to Kendall avenue, $389; Bernard avenue, from Madison avenue to Spadina road, $390; Hagerman, from Elizabeth to a point 219 feet east, except 40 feet opposite Nos. 10 and 12, $225; Kensington avenue, from St. Patrick to Baldwin, $902; Dunbar road, from Elm avenue to South Drive, $495; St. George, from Bernard avenue to a point 947 feet south, $1,053; Breadalbane, from Yonge to Surrey place, $1,912. — Building permits have been granted as follows: Mrs. R. T. Macdonald, two and a half storey brick and stone dwelling, south side Elm avenue, $8,000; International Gas Appliance Co., two-storey brick warehouse, near river street, $6,500; William Padifin, pair two-storey brick dwellings, stone foundations, west side Gladstone avenue near College, $4,000; A. W. Mayell, three-storey brick and stone building, 299-301 Queen street west, $4,000; Miss E. Lewis, one and a half storey stone and brick dwelling, Macpherson avenue, near Yonge street, $1,800; C. J. Gibson, three storey brick store and dwelling, 315 Yonge street, near Wilton avenue, $1,800; A. J. Woodley, two and a half storey brick dwelling, Pears avenue, $2,500; Kay Bros., two and a half storey brick detached dwelling, 26 Simpson avenue, $3,000; J. C. Gibson, two-storey brick office and warehouse, east side Parliament street near Winchester, $6,000; Alfred Davidge, pair two-storey stone and brick dwellings, west side Gladstone avenue, $4,000; C. R. S. Dinnick, two detached two and a half storey stone and brick dwellings, Bernard avenue, $6,000; William C. Harvey, two-storey and attic dwelling, south side Roxborough street east, $5,000; Fred Hogg, pair two-storey and attic brick dwellings, slate roof, 22-24 Rathnally street, $5,000; D. E. Kilgour, two-storey and basement brick dwelling, Olive avenue, $3,000; H. C. Garner, two-storey roughcast dwelling, brick front, 740 Crawford street, $1,200; Miss M. Stocks, two-storey frame dwelling, brick clad, north side Hunter street, $1,500; F. Hutson, three detached two-storey frame dwellings, Seaton square, $3,500; Ambrose Kent, five two-storey roughcast dwellings, brick fronts, Lansdowne avenue, near Wallace, $6,000; R. H. Adams, two-storey brick dwelling, 13 Macdonell avenue, $2,500.

FIRES.

Block on Main street, Winnipeg, owned by the Misses Brown, almost totally destroyed; loss on building, $40,000.—Methodist church at Stroud, Simcoe county, Ont.; loss $6,000.—Murphy's Hotel at Dalhousie, N.B.; loss $10,000.—Residence of Orange Bartlett near Portage la Prairie, Man.—St. Anne's Orphanage and Agricultural College at St. Damien de Buckland, Bellechasse, Que., totally destroyed; loss $50,000. — Saw mill on Chatham street, Montreal, owned by Holmes & Arpin; loss $10,000.—Building of the Oblat Fathers, Maniwaki, Que.; loss $25,000.—Works of the John Goodison Thresher Company, Sarnia, Ont., damaged to extent of $10,000.—Car shop and blacksmith shop of the

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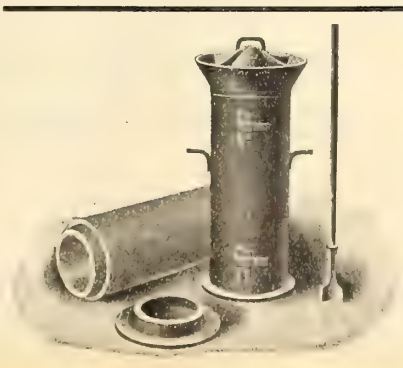

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Prince Edward Island Railway, Charlottetown, P.E.I.; loss $50,000.

CONTRACTS AWARDED.

KAMLOOPS, B. C.—Erection of fire hall: A. Taylor, successful tenderer, $2,950.

OTTAWA, ONT.—Hook and ladder truck for station 9: L. Duhamel, successful tenderer, $1,725.

CHATHAM, ONT.—The contract for heating the market building has been let to James Watt & Sons, at $847.

BRANTFORD, ONT. — The contract for an elevator in the Women's hospital building has been let to the Otis-Fensom Company, Toronto, at $1,556.

WINNIPEG, MAN.—The tender of the Manitoba Iron Works has been accepted by the City Council for supply and erection of steel well caisson, at $4,300.

VANCOUVER, B. C.—The following tenders were received by the City Council for purchase of $500,000 debentures: W.C. Brent, Toronto, $497,028; Dominion Securities Company, $490,550; Aemilius Jar-

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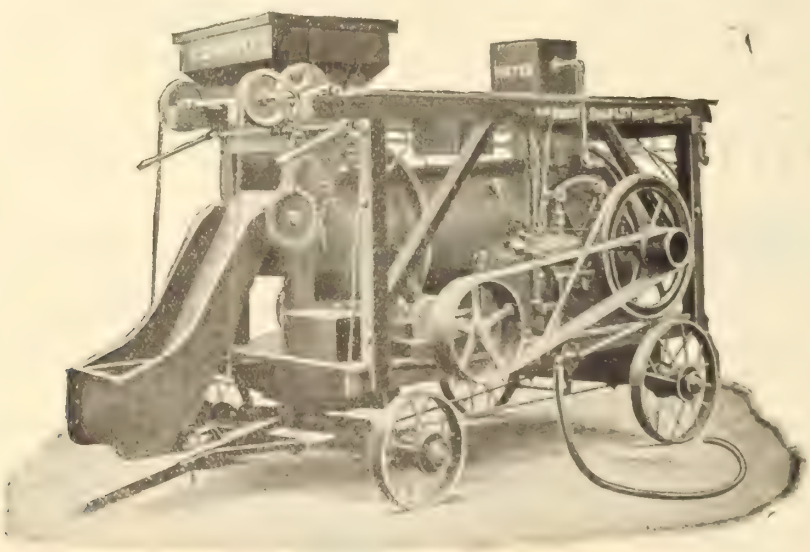

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vis & Company, $496,476; E. H. Gay & Company, $479,375; J. H. Cowan, $491,-666; T. B. Springer, $493,840; H. O'Hara & Company, $472,665.

ST. THOMAS, ONT.—Mill on Southwick street for Mr. Adcock: Cement and brick work, Joseph Horton, this city; boilers and engines, E. Leonard & Sons, London; mill machinery, W. and J. G. Greey, Toronto.

WOODSLEE, ONT. — Rochester Township Council received the following tenders for purchase of $1,960 drainage debentures: H. O'Hara & Co., $1,992.81 (accepted); Wm. C. Brent, $1,987; Dominion Security Corporation, $1,984; G. A. Stimson & Co., $1,981.

TORONTO, ONT.—The City Council have awarded the contract for sewer pipes to the Dominion Sewer Pipe Company, at the following prices: 4 in., 5 cents per foot; 6 in., 7½ cents; 9 in., 15 cents; 12 in., 25 cents; 15 in., 33 cents; 18 in., 40 cents; 24 in., 75 cents. Stoppers, 6 in., 2½ cents; 9 in., 5 cents. Curves, elbows and bends, 6 in., ¼-in., 27½ cents each; 6 in., ⅛-in., 27½ cents; 9 in., ¼-in., 60 cents; 9 in., ⅛-in., 60 cents; 12 in., ¼ and ⅛-in., 95 cents; 15 in., ¼ and ⅛-in., $1.35; 18 in., ¼ and ⅛-in., $1.70. Pipe, 1 foot lengths, 6 in., 7½ cents per foot; 9 in., 15 cents. Junctions, 2 foot lengths, 6 in. off 6 in., 35 cents each; 6 in. off 9 in., 68 cents; 6 in. off 12 in., $1.-12½; 9 in. off 12 in., $1.12½; 6 in. off 15 in. and 9 in. off 15 in., $1.55; 9 in. off 9 in., 68 cents; 6 in. and 9 in. off 18 in., $2; 12 in. off 15 in., $1.55; 12 in. off 18 in., $2.50; 12 in. off 12 in., $1.12½. Reducers, 6 in. to 4 in., 30 cents each; 9 in. to 6 in., 60 cents.

BUSINESS NOTES.

The business of P. Beaudet & Company, Victoriaville, Que., has been registered.

Knowlton & Rexton, sash and door factory, North Hatley, Que., have dissolved.

The Byrnes Construction Company, Limited, Hamilton, Ont., has been incorporated.

James Donovan, senior partner in the firm of James Donovan & Sons, builders, Toronto, died last month.

Mrs. William Boivin has registered as proprietress of the business of W. Boivin & Company, builders, Montreal.

J. H. Warner & Company, plumbers, Victoria, B. C., have been succeeded by J. H. Warner & Company, Limited,

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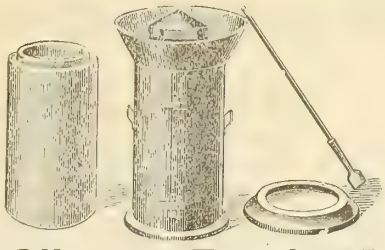

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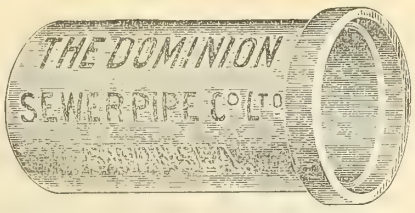

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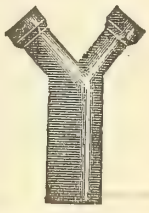

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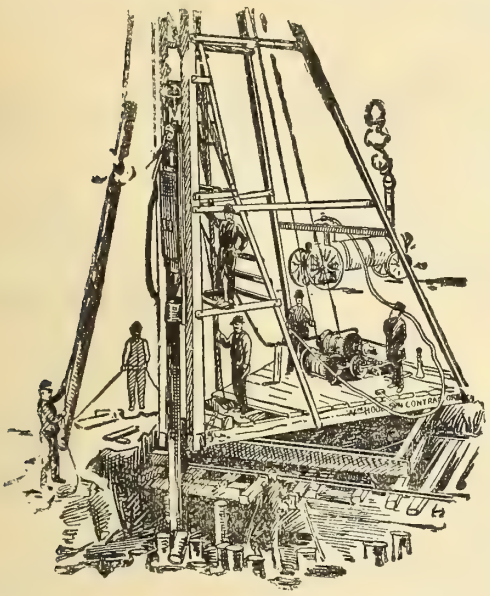

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Carcross Syndicate, Limited, Toronto, incorporated, capital $150,000, to acquire and develop mineral lands, etc. Promoters, C. W. Mitchell, James C. Grace, and others.

Cumming Manufacturing Company, Limited, Renfrew, Ont., incorporated, capital $20,000, to manufacture lumber and articles made from wood or iron. Directors, Alex. Barnet, J. E. H. Barnet, Henry Cox, J. A. Jackes and P. R. Cumming.

Queen City Brick and Supply Company, Limited, Port Arthur, Ont., incorporated, capital $40,000. Directors, J.A. Stewart, H. Tinger, and others.

Provincial Construction Company, Limited, Toronto, incorporated, capital $50,000, to carry on the business of a land company. Directors, C. L. Weisner, T. J. Lannen and T. A. Norris.

The Wolverine Cedar & Lumber Company, incorporated under the laws of the state of Michigan, have been granted a license to do business in Ontario, with a capital of $100,000. C. S. MacInnes, of Toronto, is their attorney.

The Montreal Lumber Company, incorporated under the laws of the Dominion of Canada, have been granted a license to do business in Ontario. G. I. Dewar, of Ottawa, is their attorney.

The assets of John W. Oldfin, plumber, Kingston, Ont., are to be sold.

Mr. R. G. Gordon, late architect and cold storage expert in the city of Melbour e, Australia, has opened up architectural offices in Calgary, Alta.

The Western Supply & Equipment Company, contractors, very recently completed the electric power house for the town of Indian Head. The Canadian General Electric Company (Mr. McBurney, Western Manager) are proceeding to install the plant, which it is expected will be in operation by the hrst of the year.

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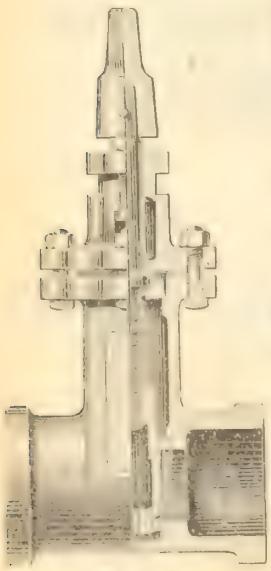
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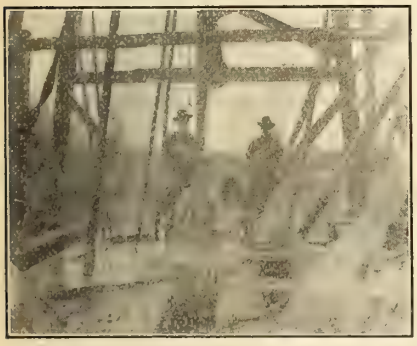

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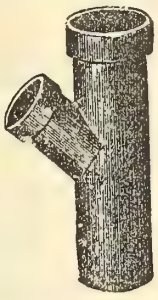

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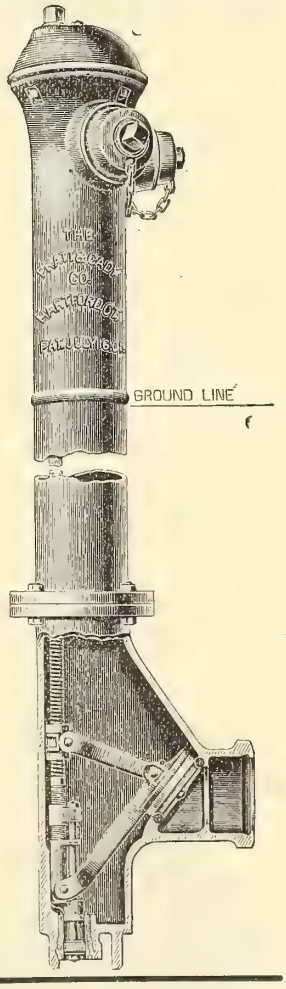

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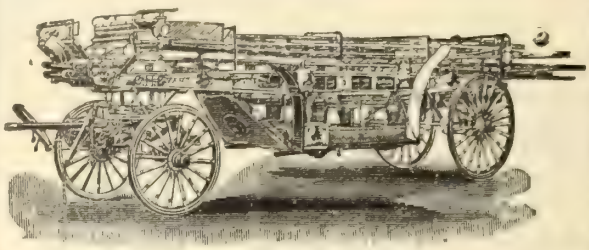

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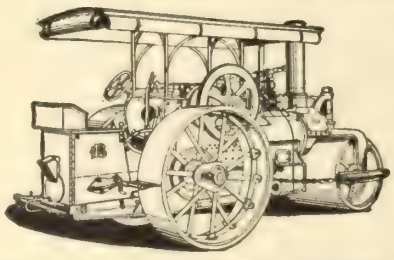

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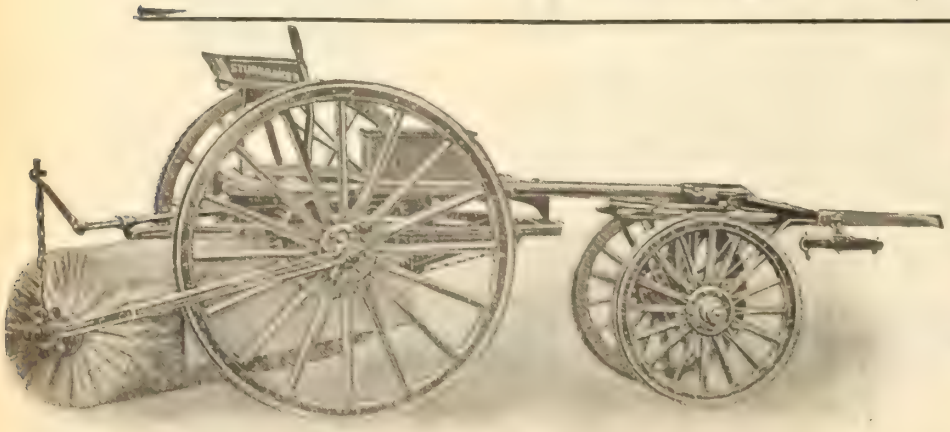

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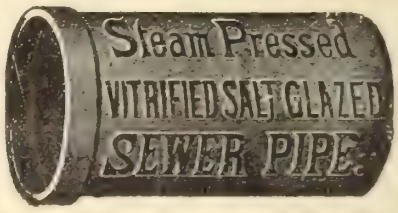

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"Most cement is good at times."
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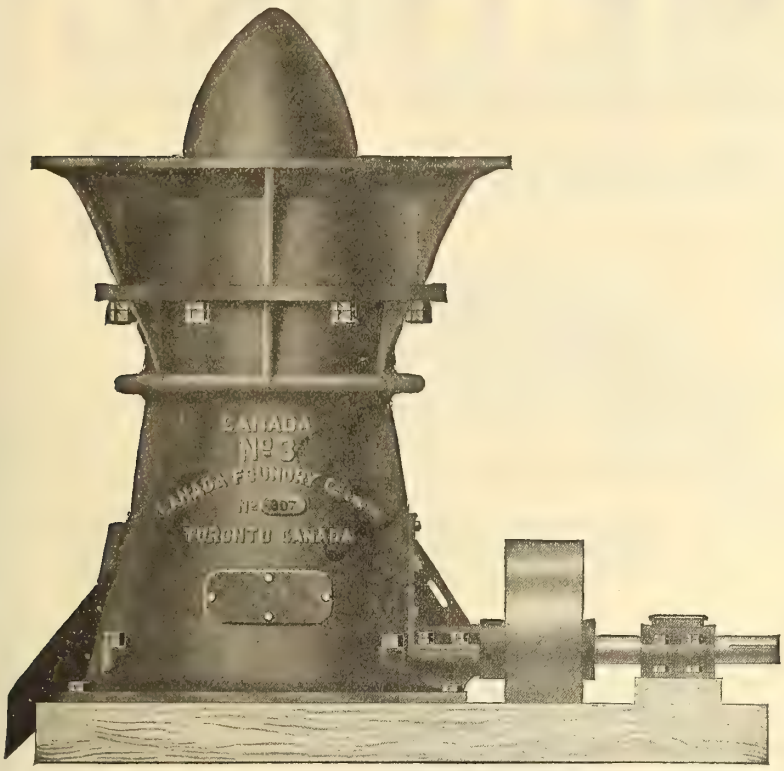
ALSEN'S - 45 Broadway, NEW YORK

A Cement which matures slowly is stronger ultimately, but we gladly furnish quick setting when specific

ROCK CRUSHER



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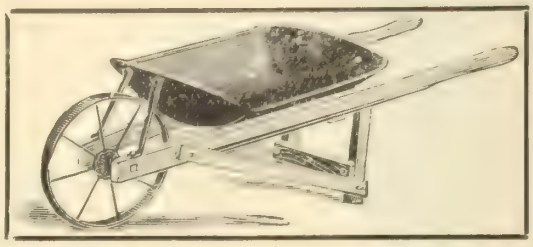
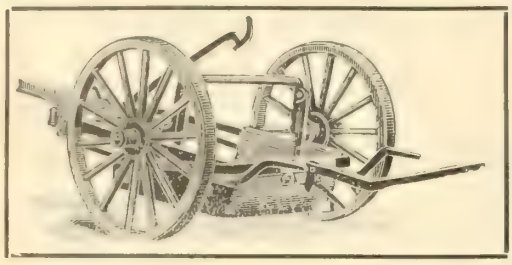
Full Bolted Navvy Barrows, Pan-American, Tubular, Stone-Mortar, Garden and Special Concrete Barrows always in stock.





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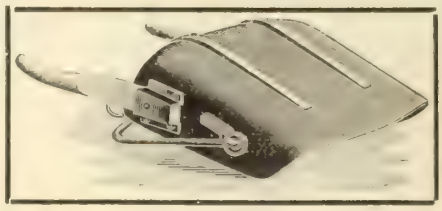

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Our Plows are always perfectly satisfactory

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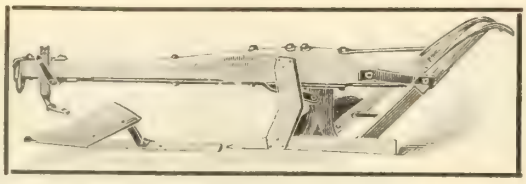
All grades and styles at the very lowest prices.



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Contract Record

A Weekly Journal of Public Works, Tenders, Advance Information and Municipal Progress

This Paper Reaches Every Week the Town and City Clerks, Town and City Engineers, County Clerks and County Engineers, Purchasers of Municipal Debentures and Leading Contractors In All Lines Throughout Canada

VOL. 16. TORONTO, MONTREAL — DECEMBER 13, 1905 — WINNIPEG, VANCOUVER No. 41

THE CANADIAN CONTRACT RECORD
PUBLISHED EVERY WEDNESDAY
As an Intermediate Edition of the Canadian Architect and Builder.

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TENDERS

will be received up to the 6TH OF JANUARY, 1906, by Messrs. Darling & Pearson, Architects, Toronto, for the erection of Bank Premises for the Imperial Bank of Canada at Essex, Ontario. Plans and specifications may be seen at the offices of the Bank in Essex St. Thomas, or Woodstock, or at the office of the Architects in Toronto, from whom all other information may be obtained.

Tenders For Debentures

Tenders will be received by the undersigned up till 6 p.m., MONDAY, DECEMBER 18TH, 1905, for:

A. $25,500 4½ per cent. 20 years debentures.
B. $20,000 4½ per cent. 30 years debentures.
C. $8,492 4 per cent. 30 years local improvement debenturers.

All of the Town of Perth, Ont.

The Council of the Town of Perth do not bind themselves to accept the lowest or any tender. For further information apply to

J. A. KERR, Town Clerk.
C. J. FOY, Mayor.

CITY OF FREDERICTON

NOTICE TO BIDDERS FOR CONSTRUCTION OF SEWERAGE SYSTEM

Sealed bids will be received at the City Clerk's office, Fredericton, N. B., until 8 o'clock on the evening of THURSDAY, THE TWENTY-FIRST DAY OF DECEMBER INSTANT, for the construction of a Sewerage System including approximately the following items: Trench excavation, 51,000 cubic yards; pipe laying (8 to 18 inches in diameter) 58,000 linear feet; brick masonry, 630 cubic yards.

Each bid must be accompanied by a certified bank cheque for $2,500. A bond in the sum of $20,000 will be required for the performance of contract. Plans and Specifications in detail to be seen at the City Clerk's Office, Fredericton. The city reserves the right to reject any or all bids or to accept any bid.

(Sgd.) J. W. McCREADY,
Fredericton, N.B., Dec. 5, 1905. City Clerk.

WANTED

An Architectural Draughtsman, to commence work on or before January 1st, 1906. State experience and salary expected. Address "Architect," care CONTRACT RECORD, Toronto.

Debentures for Sale

The Town of Red Deer, Alberta, have the following Municipal debentures for sale:—

$10,000 ten years bearing 5%.
$4,000 five " " 5%.
$1,500 five " " 5%.

Tenders for the whole or part thereof will be received by the undersigned up to noon the 31ST DAY OF DECEMBER, 1905.

The highest or any tender not necessarily accepted.

L. C. FULMER,
Secty.-Treas.

CONTRACTS OPEN.

SHEDIAC, N. B.— Senator Poirier will probably rebuild his flour mill in the spring.

PORT ARTHUR, ONT.—The Board of Education have selected sites for two new schools.

KINGSVILLE, ONT.—Dr. Andrew Wigle intends erecting a business block adjoining the Grenville block.

WETASKIWIN, N.W.T.—The Town proposes to divert the course of the Big Stone creek, at a cost of $7,500.

LADYSMITH, B.C.—Dr. Reynolds has submitted a proposition to the Council to install an electric light plant.

SARNIA, ONT.—A by-law to issue debentures for $8,000 for construction of drain will be voted on January 1st.

CHARLOTTETOWN, P. E. I.—The Prince Edward Island Railway power house and car sheds will be rebuilt.

CARBERRY, MAN.—A proposition has been received by the Council to install an electric lighting plant, to cost $15,500.

PERTH, ONT.—H. W. Brick, of the Henry K. Wampole Company, intends building a new residence on Drummond street west.

HALIFAX, N.S.—R. S. Lessel, architect, has just taken tenders for alterations and additions to an office building for Dr. A. W. Cogswell.

GEORGETOWN, ONT.—The County Council have decided to purchase a road rolier and stone crusher, at an approximate cost of $1,600.

SUDBURY, ONT.—Bids are invited by S. Fournier, Town Treasurer, up to 20th inst., for purchase of $23,500 4½ per cent. 20 year debentures.

PARRY SOUND, ONT.—The Council will engage an engineer to prepare plans and specifications for necessary improvements to the electric light plant.

LISBURN, ONT.—William Lindsay will receive tenders up to February 1st for supply of a 20 horse-power boiler for the Huron Cheese Company.

PICTON, ONT.—It is proposed to build a new High school.—The Public Library Board are being urged to ask Andrew Carnegie for a grant for a new public library.

ORILLIA, ONT. — The Provincial Board of Health have approved of the proposed sewerage system, which will go to a vote of the ratepayers.

ST. BONIFACE, MAN.—It is now finally settled that the construction of the new cathedral will be proceeded with in the early spring; estimated cost, $250,000.

FORT WILLIAM, ONT. — Arthur Vickers states that the owners of two corners on May and Victoria avenues intend erecting new buildings in the spring.

CAMPBELLFORD, ONT.—A resolution was introduced in Council last week recommending that $60,000 be raised for developing the water power at Crow Bay.

LUCAN, ONT.—A by-law to grant S. Gibson & Sons a bonus of $1,200 towards the rebuilding of their planing mill and sash and door factory was defeated here last week.

MOOSE JAW, N. W. T.—The Trustees of the Methodist church, at a meeting last week, decided to proceed with the work of building a new church, to cost $35,000.

SYDNEY MINES, N.S.—The Nova Scotia Steel and Coal Company intend to open a new colliery about a mile north of the present No. 3 colliery, to be operated by electricity.

GRAND FALLS, N. B.—Hon. R. W. Scott, Secretary of State, has given a decision in favor of the Grand Falls Power Company in connection with the development of a water power here.

TILBURY, ONT.—The Townships of Raleigh and Tilbury East propose to expend $25,000 in repairing the dykes and embankments and have asked the Ontario Government te assist.

PEMBROKE, ONT. — The Council propose to construct a steel bridge across the Muskrat river at Mary street, at a cost of $25,000. The electors will vote on the proposition on January 2nd.

KINGSTON, ONT.—A deputation from this city last week asked the Minister of Education for Ontario to provide $75,000 for a biological building in connection with Queens University.

HURDMAN'S BRIDGE, ONT.—James Young, manager of the Don Valley Fertilizing Company, has made application for permission to erect a fertilizing factory and abattoir, to cost about $12,000.

PRESTON, ONT. — W. M. Davis, C.E., of Berlin, has submitted a report on waterworks and sewerage systems for this town. He estimates the cost at $46,000 and $15,664 respectively.—Tenders

will likely be asked for the sinking of test wells for waterworks purposes.

STAYNERVILLE, QUE — The Board of Railway Commissioners have approved of the location plans for a railway four miles in length from this place southerly and westerly to Brunet's Corners.

DUNDAS, ONT.—The Town is offering for sale $10,000 of debentures issued for waterworks improvements.—A vote of the ratepayers will be taken on a by-law to raise $16,500 for a new High school building.

STRATHCONA, N. W. T. — W. H. Sheppard is having plans prepared for a fine building to be erected on his property between the Strathcona House and the Dominion Hotel, to consist of bank offices and stores.

FREDERICTON, N.B.—J. W. McCready, City Clerk, will receive tenders up to Thursday, 21st inst., for the contruction of a sewerage system, in accordance with plans prepared by Engineer Barbour.

STRATFORD, ONT.—J. M. Beutter intends erecting a four-storey building between the Albion and Roffey blocks.—The by-law to provide $57,000 for storm drainage will come before the electors on January 1st.

BALMY BEACH, ONT.—The members of the Kew Beach Presbyterian church have purchased a site immediately to the north of the present site and intend erecting a church and school room to cost $10,000.

CACHE BAY, ONT.—It is understood that the Grand Trunk Railway Company have entered into a arrangement with the Ontario Government whereby the Company will erect a handsome hotel here.

KILLARNEY, MAN.—Tenders for erection of a four roomed brick school house will be received by Charles Bate, Secretary-Treasurer, up to Thursday, 28th inst. Plans by J. H. G. Russell, architect, Winnipeg.

PETERBORO, ONT.—The survey for the proposed new C.P.R. grain route from Midland to this city was commenced last week.—W. E. Fuller, of New York, will report to the Town Council on a water filtering system.

GUELPH, ONT.—Allan Hazen, the New York expert, estimates the cost of constructing a sand water filter at $61,150, and a mechanical filter plant at $48,500. He makes no recommendation as to which system should be adopted.

BROCKVILLE, ONT. — C. S. Cossitt and H. A. Stewart will receive tenders up to January 1st for making alterations and improvements in connection with the opera house and the erection of a fire hall. Plans at office of B. Dillon, architect.

BRANTFORD, ONT. — The Bell Telephone Company have purchased property on Dalhousie street on which to erect their proposed office building.—The Brantford Carriage Company have decided to build an addition to their present works.

PRINCE ALBERT, N.W.T.—The Town Council are taking steps towards the development and utilization of the waterpower at Coal Falls.—Mayor Cowan has pointed out that the Council should consider means for a systematic extension of the waterworks mains and sewers.

GRAND FORKS, B.C.—It is reported that the Kettle Valley Railway will immediately complete the surveys of that road as far as Franklin camp.—Plans are being prepared for a new hotel to be located on the property now occupied by the British American Trust Company on Bridge street. It will be owned by L. A. Manly.

MIDLAND, ONT.—T. I. Trueman, Town Clerk, will receive bids up to 20th inst. for the following debentures: $20,920 forty year 4½ per cent. issued for purpose of constructing sewers; $6,000 forty year 4½ per cent. issued for same purpose; $5,000 thirty year 4½ per cent. issued for completing the High school building.

BARRIE, ONT.—A by-law to raise $6,000 for construction of cement sidewalks and $2,500 for permanent road improvements will be submitted to the electors on January 1st, also a by-law to provide $1,500 for installing a heating system in the fire hall and an electric fire alarm system throughout the town.

HAMILTON, ONT.—The Board of Education have secured an option on the block bounded by Canon, Chestnut, Wilson and Gibson streets as a site for a new school. — John Stirton has been granted a permit to build a $1,800 brick residence on Wilson street. — Fowler's Canadian Company have purchased the Harris abattoir and purposes making extensive additions.

BELLEVILLE, ONT. — Hastings County Council have purchased the Henderson property in the eastern limits of the city for the purpose of building a House of Refuge. Tenders will be asked for immediately and work be done next spring.—The Corby Distillery Company intend spending nearly a million dollars in additions and improvements to their distillery at Corbyville.

GODERICH, ONT. — The Town Council have decided to submit a by-law to the electors to guarantee the bonds of the Goderich Elevator Company to the amount of $35,000 in consideration of the erection of an additional building of 500,000 bushels capacity.—C. H. Rust, C.E., Toronto, has recommended a mechanical filter for the purification of the water supply of this town, cost about $10,000.

CALGARY, N.W.T.—The C.P.R. are now arranging to develop the Kananaskis Falls, in the Bow river, and propose to transmit power to this city, about sixty miles.—Boring operations for for natural gas will be undertaken immediately, the necessary capital having been subscribed.—The City Council are considering the extension of the electric light plant, at a probable cost of $20,000.

QUEBEC, QUE. — The Canadian Pacific Railway Company are negotiating for the purchase of property on Dalhousie street, near the river, for the erection of offices, etc.—A firm of railway and steamships operators have submitted to the Board of Trade an offer for their building on the corner of St. Paul and Dalhousie streets, and if the offer is accepted the purchasers intend building an imposing block.

VICTORIA, B.C. — The Victoria opera house has been leased by the Northwestern Theatrical Association and E. R. Rickets has been appointed manager. The building is owned by the Canadian Pacific Railway Company, who have agreed to expend $25,000 in remodelling and refurnishing.—The C.P.R. will make extensive improvements to their coast division during the coming year. Several hotels will be enlarged, including the Vancouver.

ST. JOHN, N.B.—Col. H. H. McLean, who attended a meeting of the New Brunswick Southern Railway in New York last week, states that Russell Sage intends to complete by next year the extensive repairs now ordered with a view to making through communication with Boston. Extensions are to be completed at both ends of the road, and it is said that the expenditure will be $250,000.—Eben Perkins has resigned as manager of the Maritime Nail Works and intends forming a company to build a new nail mill.

WINNIPEG, MAN.—H. C. Stone, architect, is preparing plans for the new theatre to be built on the corner of Smith street and Ellice ave.; estimated cost, $200,000. — R. Bickerdike, M.P., and other officials of the Bank of Hochelaga, Montreal, were here last week arranging for a site on which to erect a bank building.—The Empire Elevator Company will build another elevator midway between Port Arthur and Fort William.—Plans of brick school house to be built at Killarney, Man., may be seen at the office of J. H. G. Russell, architect, this city. Tenders close December 28th.

OWEN SOUND, ONT.—The ratepayers on Saturday last defeated the by-law to raise $150,000 for waterworks purposes. The by-law to expend $12,000 for the erection of a bridge over the Sydenham river on Poullet street was carried by a small majority.—The Keenan Wooddenware Manufacturing Company have submitted a proposition to the Town Council to extend their factory. They ask for a loan of $25,000, in return for which they agree to add a third storey to the present main building and erect a new two-storey wing 40×70 feet, at a cost of $15,000.

VANCOUVER, B.C.—A large addition is to be made to the retail stores of the Hudson's Bay Company in this city. —The Oriental Pulp, Paper & Power Company have let the contract for 10,000 piles to be used in the construction of their mills, and it is evidently the intention of the Company to proceed with the work at once.—It is expected that the construction of the Pacific, Omenica & Northern Railway will be commenced from Kitamaat next spring by the Grand Trunk Pacific Railway authorities. — Robert Ward & Company, Limited, have purchased several lots at the northeast corner of Hastings and Howe streets and intend erecting thereon an eight-storey steel office building, the plans for which are now being prepared.

LONDON, ONT.—Tenders are invited up to 16th inst. for construction of a tile drain at Melrose. Plans at office of F. W. Farncombe, C.E., Bank of Toronto building, this city.—The Board of Education have purchased property on Colborne street for a kindergarten school. —A. O. Graydon, City Engineer, states that he considers the erection of a new fire station in the north end of the city would be better than the purchase of a steam fire engine.—The County Bridge Commissioner has been instructed to prepare plans for the following work: A new concrete and steel bridge on the line between Caradoc and Metcalfe, known as Cemetery bridge; a new concrete breakwater between Delaware bridges on the line between Delaware and Caradoc; also steel joist and tubular railing for Waubuno bridge, over the river Thames, between North Dorchester and Westminster

OTTAWA, ONT.—A by-law to authorize the construction of a macadam roadway from St. Patrick street bridge to Beechwood avenue, and to issue $15,000 of debentures for the purpose, will be submitted to the ratepayers January 2nd. —Carleton County Council will likely issue $20,000 of debentures to pay for bridges constructed this year and to be built next year.—The plans prepared for the new Fat Stock Show building have been approved by the Minister of Agriculture, and tenders for construction will be invited in the near future.—The New York Central Railroad have purchased the North Lanark Railway charter. The survey is completed and it is probable that construction will be started im-

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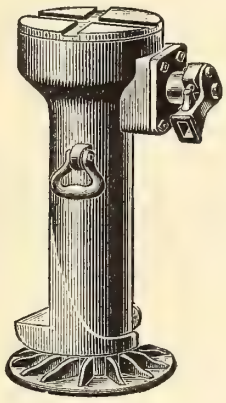

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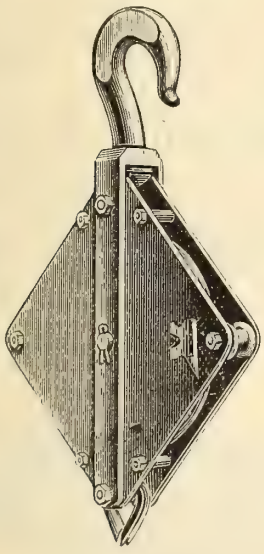

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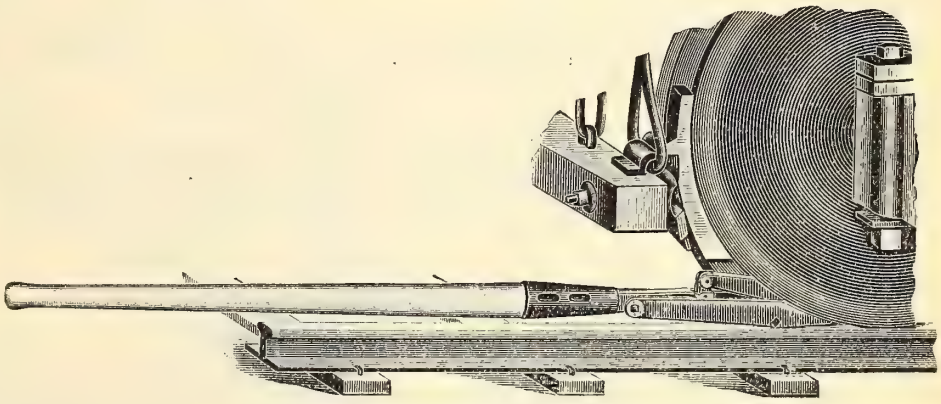

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mediately. The road will extend from Ottawa to Madawaska, with branches to Arnprior and Fitzroy Harbor.—A $2,000,000 building, comprising a railway station and a hotel, will be erected in this city if the Government grant some requests which have been made by officials of the Grand Trunk Railway Company. In addition to erecting an extensive building, it is proposed to span the canal with an attractive arch and utilize the land on both sides of the water.

MONTREAL, QUE.—The Canadian Bank of Commerce have leased the premises on corner of St. Catharine and Metcalfe streets and will make alterations to the building. — The Montreal Light, Heat & Power Company have purchased a property on Craig street on which it is the intention to erect an office building. —The Fire & Light Committee will ask for an appropriation of $37,865 for new apparatus, including four 1,000 gallon steam engines, one 85 foot aerial ladder, one hook and ladder truck, two hose wagons, one salvage wagon, two hose sleighs, 24 hand extinguishers, extension and wall ladders, etc. An appropriation will also be requested for the building of two new fire stations and the rebuilding of another.—Representatives of St. Cunegonde and St. Henri have presented to the Road Committee the amounts required for road improvements. The St. Henri estimates are apportioned as follows: Stone culverts, $11,117; sidewalks, $30,131; macadam repairs, $35,619; asphalt pavements, $11,475, and sewers, $13,260. The amount required by St. Cunegunde is $7,860, largely for repairs to sidewalks and roadways. — The Dominion Park Company has been organized to establish an amusement park and pleasure grounds at Longue Pointe.

TORONTO, ONT.—Darling & Pearson, architects, are asking for tenders up to January 6th for the erection of a bank building at Essex, Ont., for the Imperial Bank of Canada.—A. R. Denison, architect, has secured permission to proceed with the erection of the combined

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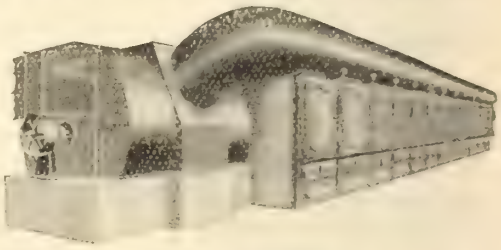

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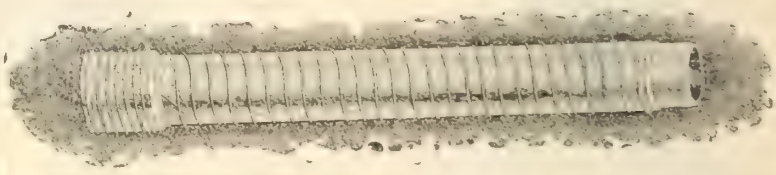

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club and boat-house for the Island Amatuer Aquatic Association ; estimated cost, $4,000.—Lump tenders are wanted by the 15th inst. for the reconstruction of houses at 76 and 78 Turner ave. Plans at 733 King street west.—The First Baptist Church have secured the site at corner of University and Edward streets on which they will erect a new church, the plans for which are now being prepared. —The Council of the Ontario College of Pharmacy have decided to take no immediate action towards the erection of a new building.—The Board of Control have authorized the calling of tenders for the Implement and Process buildings at the Exhibition grounds. They have also endorsed the proposal to build a new High school in Riverdale, work to be commenced in the spring.—The plans for the new military buildings in this city for the permanent corps have been completed at Ottawa and tenders will shortly be invited. Over twenty brick and stone buildings are to be erected, at a cost exceeding $400,000.—Tenders are invited by the Board of Control up to Tuesday, 19th inst., for construction of the following sewers : Olive ave., from Manning ave. to Palmerston ; Crawford street, from Bloor to Thorn ; Wolfrey ave., from Logan to west end ; Armstrong ave., from Dufferin to west end ; St. Clair ave., from Avenue road to Oriole road ; Oriole road, from St. Clair ave. to Lonsdale ; Shaw street, from Bloor to Dupont street ; Adelaide street, from Bay to York.—Heintzman & Company contemplate erecting a ten-storey building at 187 Yonge street, the site now occupied by McDonald & Wilson. The present lease expires in about two years.—The Police Commissioners have approved of the site for a new police station on Pape avenue, just above Queen street.—It is officially stated that the erection of an extensive steel grand stand in the Varsity atheletic field has been decided upon.—The City Engineer has completed his report upon the proposed abolition of grade crossings between the Humber river and Bathurst street. The work would include the construction of bridges and is estimated to cost $1,000,000. The Toronto Railway Company contemplate erecting car barns and repair and storage shops near the corner of Bathurst street and Barton avenue.—The Ontario Electric Railway Company last last week submitted to the Board of Control a draft agreement for entrance into the city. The company, which is represented by A. B. Turner, hold a charter for an electric railway from this city to Cornwall.—The Home Bank have bought the property on north-east corner of Queen and Bathurst streets and will build a branch bank on the site, three stories, brick and stone, banking rooms finished in quartered oak, marble, tile, and brass work, cost about $20,000.—The Bank of Hamilton will erect a $25,000 building on south-west corner of College street and Ossington ave.—The

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Canada Cycle & Motor Company will likely enlarge their building at corner of Bay and Temperance streets. — The Board of Control are asking for tenders up to Tuesday, January 2nd, for the erection of an Implement and Process building on the Toronto Exhibition grounds.— Building permits have been granted as follows: Geo. C. Craig, 2-storey stone and brick dwelling, Galley ave., $4,800; J. Kane, 2-storey and mansard roof brick and stone hotel, corner King and Queen streets west, $4,500; W. L. Richardson, 2½-storey brick and frame dwelling, Farnham ave., $4,000; Alex. Whyte, 2½-storey brick dwelling, Olive ave., $4,500; L. C. Sheppard & Co., 7 pair 2½-storey brick dwellings, corner Wellesley and Sumach streets, $28,000; L. C. Sheppard & Co., 3 pair 2-storey frame and rough-cast dwellings, corner Palmerston and Olive aves., $8,400; F. R. Heakes, 2½ storey brick and stone dwelling, Palmerston boulevard, $4,000; I. L. Maude, 2-storey brick dwelling, Cowan ave., $2,500; W. C. McTaggart, 2-storey and mansard brick store and dwelling, corner Bloor and Givens sts., $5,000; J. S. Sharp, 2-storey and attic stone and brick dwelling, Grace st., $3.000; Consumers' Gas Co., 1-storey and basement brick and steel valve or governor house, Trinity st., $15,000; Douglas & Chambers, brick alterations to hotel, Yonge st., $3,000; J. J. Palmer, 2-storey and basement brick and stone skating and hockey rink, 78-80 Mutual st., $2,000; Henry Halls, 2-storey brick residence, Boustead ave., $2,600; Stauntons Limited, 1-storey factory, 938 Yonge st., $30,000; W. Mumford, 2 storey and attic stone, brick and slate store and dwelling, Bathurst st., near Follis st., $4 500.

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ST. THOMAS, ONT.—Office building for Ellison & Lewis: Masonry, A. Horton; carpenter work, Green & Company; plumbing, F. Cooke.

WINNIPEG, MAN. — The Western Canada Flour Mills Company have let the contract for the electrical equipment of their new flour mill to Allis-Chalmers-Bullock, Limited, Montreal.

MONTREAL, QUE. — Archibald F. Byers has secured the contract for the construction in reinforced concrete of a 60,000 gallon water tank in the Bank of Montreal, to be used for fire protection purposes.

NEW WESTMINSTER, B.C. — Robert Buckla d and J. Carter-Smith have been awarded the contract by the Dominion Government for the construction of new Indian and Fisheries building on Mc-

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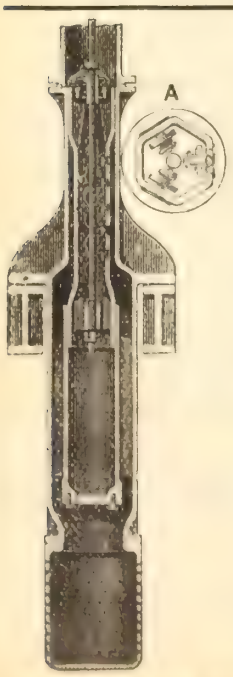

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COLLINGWOOD, ONT. -- The Collingwood Shipbuilding Company have been given a contract by James Playfair, of Midland, to build a steel cargo steamer, and by the Montreal Transportation Company to build a steel tow barge.

WELLAND, ONT.—The Town Council have let the contract for excavating, pipe-laying, etc., for waterworks extension to J. H. McKnight, Toronto, at the following prices: 10 inch, 38 cents; 8 inch, 30 cents; 6 inch, 27 cents; 4 inch, 22 cents. The contract for cast iron pipe and special castings was let to the Gartshore-Thomson Pipe & Foundry Company, of Hamilton, at $32 per ton for 10 inch and 6 inch pipe, and 3 cents per pound for special castings, f.o.b. Welland.

TORONTO, ONT.—The contract for the supply of cement for the city has been awarded to the Belleville Portland Cement Company at $1.67½ per barrel of 350 lbs. net weight. There were six tenders in all, ranging from $1.67½ to $2.40 per barrel. The contract for lumber and timbers and cedar paving posts was awarded to Reid & Company, and that for lumber for repairs to wharves and bridges to Arthur Bryce. The Hagersville Contracting Company secured the contract for broken stone at $1.23 per ton f.o.b. cars.

The name of the Cobban Manufacturing Company, Toronto, has been changed to the Phillips Manufacturing Company, Limited.

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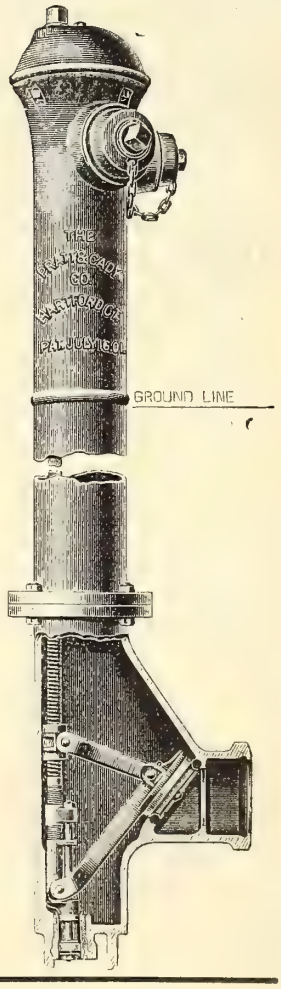

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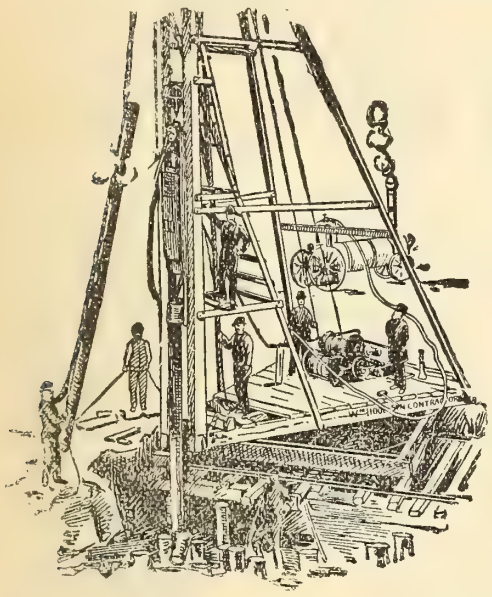

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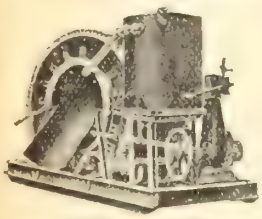

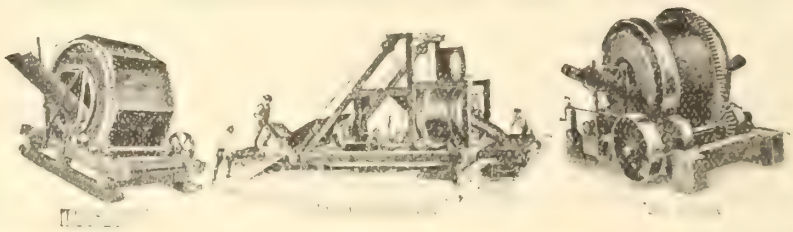

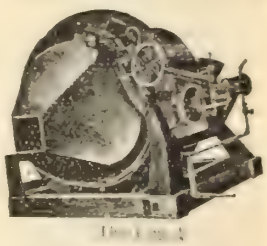

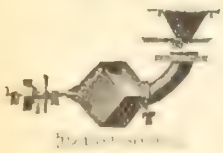

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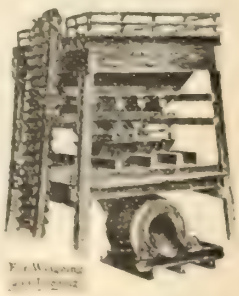

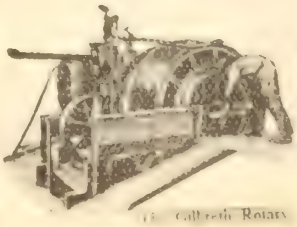

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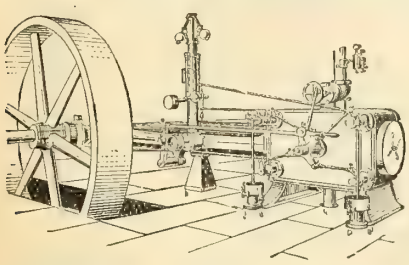

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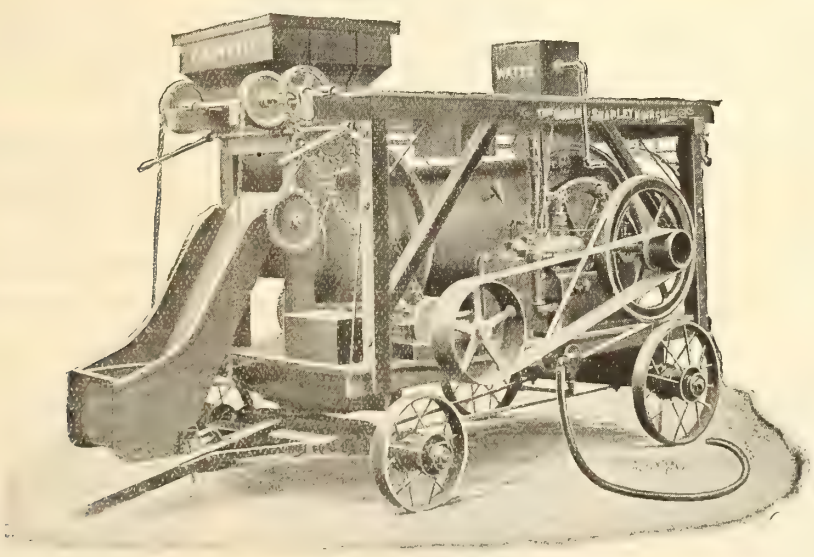

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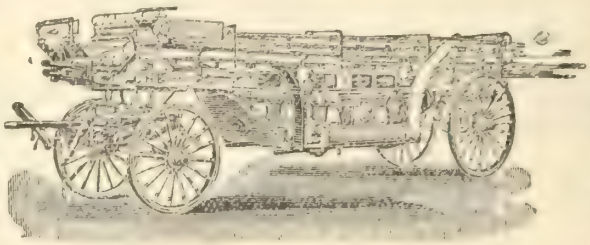

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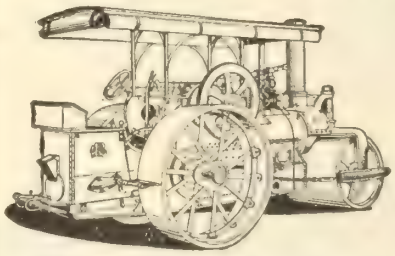

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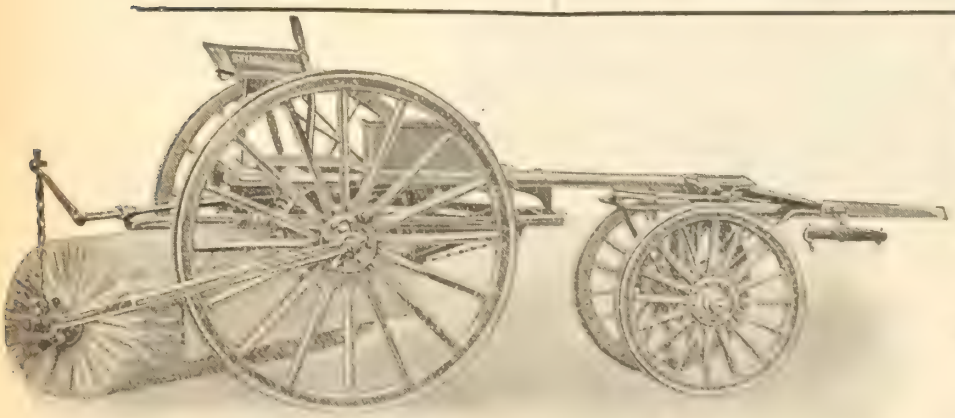

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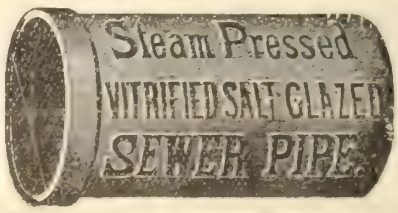

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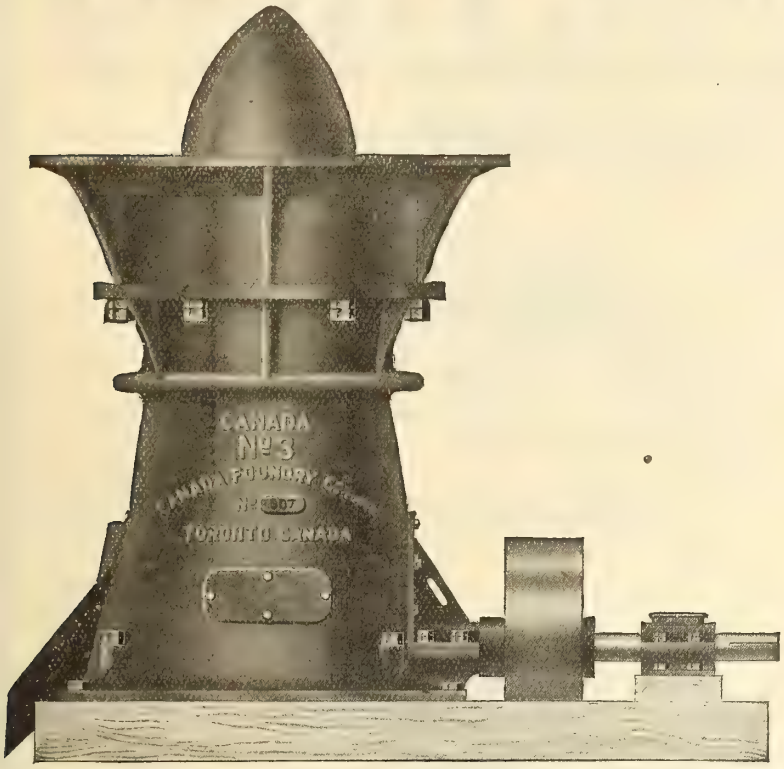

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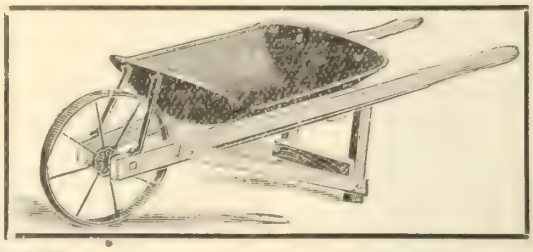

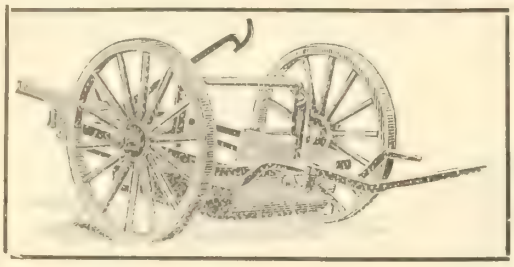

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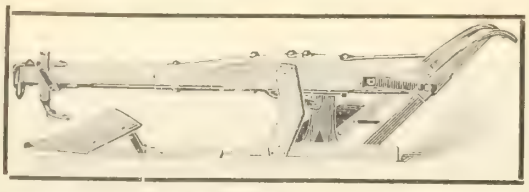

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VOL. 16. TORONTO, MONTREAL — DECEMBER 20, 1905 — WINNIPEG, VANCOUVER No. 42

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TENDERS FOR IMPLEMENT AND PROCESS BUILDING

Separate tenders, addressed to the undersigned, will be received through registered post only, up to noon on TUESDAY, JANUARY 2ND, 1906, for the various works required in the erection and completion of an IMPLEMENT AND PROCESS BUILDING ON THE TORONTO EXHIBITION GROUNDS.

Plans and specifications may now be seen, and all information, together with forms of tender, obtained at the office of Geo. W. Gouinlock, architect, Temple building, Toronto.

Tenders must be accompanied by a marked cheque, payable to the order of the City Treasurer, or a cash deposit equal to 5 per cent. on tenders up to $1,000, and 2½ per cent. on tenders over that amount.

Should any party whose tender is accepted fail to execute the necessary contract and bond and give satisfactory security for the due fulfilment of the contract, the deposit accompanying the tender will be forfeited to the city. The lowest or any tender not necessarily accepted. The deposits of unsuccessful tenderers will be returned

THOMAS URQUHART (Mayor)
Chairman Board of Control.
City Hall, Toronto, Dec. 11th, 1005.

TENDERS

will be received by the undersigned up to DECEMBER 27TH for erecting a large Residence in cement stone blocks and artificial stone.

Plans and details may be seen and information obtained at the offices of the Architect.

GEO. W. GOUINLOCK, Architect,
Suite 1108 Temple Building, Toronto.

FOR SALE

The Corporation of the Town of Parry Sound, Ontario, will receive sealed tenders at the office of E. E. Armstrong, Town Clerk, up to and including the 13TH DAY OF JANUARY, 1906, for the following Electrical Apparatus: One direct connected 450 k.w. 60 cycle 2080 v 3-phase revolving field Alternator, also one direct connected Exciter suitable for the above machine, together with switchboard all complete, f.o.b. power house, Parry Sound.

Bids will also be received for water wheels suitable to drive the above machine either connected to the present wheels or not, as may be most suitable. For information re. water wheels, address

G. GROVES, Box 422,
Parry Sound, Ont.

Specification of Electrical Apparatus may be seen at the office of the Town Clerk.

CONTRACTS OPEN.

CREDITON, ONT.—S. Brown will receive tenders up to 29th inst. for erection of a four-roomed school.

AURORA, ONT.—The Town Council have passed a by-law to expend $10,000 on an improved system of waterworks.

PORT MOODY, B.C.—J S. Emerson is having plans prepared for a saw and shingle mill to be built at this place.

KEEWATIN, ONT. — The Maple Leaf Milling Company contemplate building a flour mill between here and Kenora.

LONDON, ONT.—The Trustees of the Maitland street Baptist church have been granted a permit for their new edifice.

SOUTHAMPTON, ONT. — Nearly $10,000 has been subscribed towards the new Methodist church, which is to cost $12,000.

WATERLOO, ONT.—The County Council have cancelled the issuing of $7,000 of debentures to meet the deficit of last year.

PHŒNIX, B.C.—The directors of the British Columbia Copper Company have definitely decided to enlarge their reduction works.

AMHERST, N.S.—The Town Council have engaged F. A. Barbour, C. E., of Boston, to report upon a water supply for this place.

ST. DAMIEN, QUE.—Rev. Father Brousseau is taking steps towards the reconstruction of the orphanage destroyed by fire recently.

LETHBRIDGE, N. W. T.— C. P. R. engineers have finished the surveys for a 6,000 foot trestle bridge at this place, to cross Belly river flats.

BROCKVILLE, ONT.—B. Dillon, architect, is asking for tenders up to Saturday, 23rd inst., for metal ceilings for two stores in the Harding block.

NANAIMO, B.C. — The Nanaimo Lumber Company propose to build a branch line of railway from the Esquimalt and Nanaimo line to their saw mill.

ALEXANDRIA, ONT.—The by-law guaranteeing bonds of the Glengarry Mills, Limited, was carried last week. Additions will be made to the company's plant.

INGERSOLL, ONT.— It is understood that plans are being prepared for Merchants' Bank building to be erected on corner of Charles and Thames streets.

ARNPRIOR, ONT. — The Town Council have decided to accept McLachlin Bros' proposition for the building of a new dam on the Madawaska river.

TRURO, N.S.—The Bank of Nova Scotia has purchased property adjoining the Normal School buildings and will, it is said, build a fine stone structure next spring.

LONGUEUIL, QUE. — A proposal has been placed before the Council to build a dam in the river so as to connect the south shore of St. Helen's Island with the mainland.

MAISONNEUVE, QUE.—The contract will likely be awarded this week for a new fire station.—C. A. Marchildon has asked for a bonus for the establishment of a new shoe factory.

SASKATOON, N.W.T.—It is understood that the Grand Trunk Pacific Railway Company will shortly call for tenders for that portion of the road between Touchwood Hill and this place.

KINGSTON, ONT.—The Kingston and Pembroke Railway Company are applying to Parliament for an extension of time for the construction of a branch from Sharbot Lake to Carleton Place.

OWEN SOUND, ONT.—An extension to the gas works is necessary, and it is probable that a by-law will be submitted to the ratepayers in the spring to raise between $30,000 and $40,000 for this purpose.

BRANDON, MAN. — At a public meeting of ratepayers held here recently, it was decided to postpone until a later date the submission of a by-law to the ratepayers to provide funds for school buildings.

PETERBORO, ONT.—The deputation which recently interviewed the Dominion Government in reference to a dock for this city were given to understand that an appropriation for the work would be made.

PORT COLBORNE, ONT.—The Department of Railways and Canals have approved of plans, prepared by Mr. Jamieson, of Montreal, for a two million

bushel elevator at this place. Tenders will be called early in the new year.

EUGENIA FALLS, ONT.—B. F. Reesor, manager of the Georgian Bay Power Company, states that contracts for excavating for the large storage basin will be awarded shortly so that the work may be commenced in the spring.

MONTREAL, QUE.—It is said that a company has been organized in this city for the purpose of engaging in the manufacture of steel cars, and that a large plant will be erected next spring. No further particulars have been learned.

PEMBROKE, ONT.—The ratepayers will vote on by-laws at the municipal elections to provide $15,000 for extension of intake pipe, $25,000 to build a steel bridge across the Madawaska river and $23,500 for repairing certain streets and erection of Isolation Hospital.

GRAND FORKS, B.C. — H. W. Warrington, superintendent of the Kettle Valley Railway, has taken eighteen surveyors to Bannock city, to commence the surveys for a line of railway to Franklin camp, a distance of 40 miles. It is estimated that this survey will take three months.

FORT FRANCES, ONT. — John Galt, C.E., Toronto, is expected here shortly in connection with the laying out of the proposed sewerage system. — A party of surveyors arrived here last week to re-survey the line for the Duluth, Virginia and Rainy Lake railway between this place and Pelican Lake, Minnesota.

ST. CATHARINES, ONT.—L. K. Jones, Secretary Department of Railways and Canals, Ottawa, requests tenders by Tuesday, January 2nd, for supply of timber, hardware, castings, paints, oils, etc., for the Welland Canal and its branches for next year. Specifications at the office of the Superintending Engineer, this city.

QUEBEC, QUE. — An agreement has been reached between the Board of Trade and the C.P.R. under which the latter will acquire the Board of Trade property and give in exchange a similar area of ground and a cash consideration of $40,000 with which to erect a new Board of Trade building to replace the one vacated.

CAMPBELLTON, N. B.—Tenders for the construction of a wharf here will be received by the Department of Public Works, Ottawa, up to Thursday, January 11th. Plans at offices of Geoffrey Stead, Chatham, N. B.; E. T. P. Shewen, St. John, N. B.; C. E. W. Dodwell, Halifax, N. S.; on application to the Postmaster here, and at the Department, Ottawa.

OTTAWA, ONT.—The County Council have decided to issue $20,000 of debentures for new bridge across the Rideau river.—The Quebec Midland Railway Company is seeking incorporation to build a railway from Lake Abittibi to Lake Matagami, Que.—The time for receiving tenders for a scavenging system has been extended to the 21st inst.

WIARTON, ONT.—Siemon Bros., Limited, propose to establish a factory for manufacturing, planing, and dressing hardwood lumber for flooring purposes, at a cost of $8,000. They ask the Council to fix their assessment at $3,500, and a by-law authorizing such action will go before the ratepayers on January 1.

FREDERICTON, N.B. — Tenders will be received at the Department of of Public Works up to January 15th, for building a new bridge at Amherst Pond, Dorchester.—Tenders for rebuilding Little Dipper Harbor bridge in St. John county will be received by the Department of Public Works up to January 8th.

VICTORIA, B.C.—Tenders will be received at the Department of Lands and Works up to noon on December 23rd, for the erection of a wooden bridge over the Kettle river at Carson. Plans may also be seen at the office of the Government Engineer, Grand Forks.—Eberts & Taylor are asking for the incorporation of a company to construct a railway from Kamloops to Barkerville and Fort George.

EDMONTON, N.W.T.—Directors of the Bank of Hochelaga, Montreal, have purchased property here on which to erect a bank building. — G. O'Grady, manager of the Northern Bank, has purchased the Stonvel property on corner of Jasper and Queens avenue, and will erect a building thereon next spring.

SEAFORTH, ONT. — The County Engineer has recommended that the following bridges be rebuilt as early as possible in 1906, all with steel superstructures and concrete abutments: Jamestown bridge to be replaced by one span 110 feet clear; Day's bridge with one span 120 feet clear; Forsyth's bridge with an 18 foot span; Belgrave bridge with a span of about 25 feet clear.

HALIFAX, N.S. — Tenders are invited by the Department of Public Works, Ottawa, up to Friday, 22nd inst., for the construction of a hospital at Lawler's Island, N.S. Plans on application to C. E. W. Dodwell, this city.—It is reported that the T. Eaton Company, of Toronto, have secured an option on the Parker's Market property on corner of Buckingham and Barrington streets, and intend erecting thereon a departmental store building.

BRANTFORD, ONT. — The by-law to raise $45,000 for erection of two new schools will be voted on by the electors on January 1.—John Moffatt has been granted a permit for a new livery stable on Dalhousie street, to cost $4,000. — Mr. McHenry, of the Patent Roofing Company, South Bend, Indiana, is in the city forming a local company for the manufacture of patent roofing. The factory will be built in this city.

NEW WESTMINSTER, B.C.—It is expected that work will be commenced in the early spring on the construction of a second reservoir in connection with the waterworks system, to have a capacity of 5,000,000 gallons.—The municipality of Burnaby has filed an application for 1,000 miner's inches on Seymour Creek for waterworks purposes. A company headed by G. S. B. Perry has in prospect a waterworks system to supply the municipalities of Burnaby and Richmond.

CALGARY, N.W.T. — The School Board have decided that two new buildings should be erected, to cost $50,000 and $10,000 respectively.—City Engineer Thorold has been instructed to prepare plans for a crematory for the city.—Leo Dowler, architect, has prepared plans for a three-storey brick building to be erected on Eighth avenue east, to be 68 × 130 feet. The ground floor will be occupied by A. W. Ward, Copas & Emerson and Skinner & Miquelon, while the upper stories will be laid out in offices. The heating will be by steam; estimated cost, $45,000. Tenders will shortly be invited.

REGINA, N.W.T. — The plans of Dodd & Hopkins, architects, Calgary, have been accepted for the new City Hall building in this city. Twenty-five designs were submitted. The architects have been instructed to proceed with the working drawings so that tenders for the erection of the building may be invited at an early date. The building will be four stories, the basement of Tyndall Mountain stone, rock faced, and above this of red pressed brick, with dressed Tyndall Mountain stone trimmings to window and door openings and angles of building. The interior finish will be in oak, heating by low gravity steam, and the building will be equipped with speaking tubes, electric bells, telephones, and electric lighting. Estimated cost, $100,000.

WINNIPEG, MAN. — It is understood that the directors of the Builders' Exchange have decided to erect a building of their own next year.—Two by-laws were carried here on Tuesday last, one sanctioning the issue of $600,000 of debentures for the construction of a gas plant, and the other providing $150,000 for necessary improvements and extensions to the general hospital.—The trustees of Zion Methodist church intend building a new parsonage in the spring, of brick, cost $6,000. — The Northwest Commercial Travellers' Association have decided to erect a building of their own. —The City Council will award contracts this week for construction of sewers and granolithic sidewalks.—The Winnipeg-Portage Auto Road Company has been organized to construct a toll speedway for automobiles between Winnipeg and Portage la Prairie. The proposed track will be 158 miles in length, and it is understood that the necessary capital has been secured.

HAMILTON, ONT.—Tenders are invited by the Department of Public Works, Ottawa, up to February 5th for the construction of a wharf in this city. Cheque for $8,000 must accompany each tender. Plans may be seen on application to the Postmaster and at the office of J.G. Sing, Resident Engineer, Confederation Life Building, Toronto. — A. C. Havill has purchased 60 feet of land on south side of Hannah street, west of James, and will erect two dwellings.—The Banwell-Hoxie Wire Company have purchased eight lots on Princess street on which to build their proposed factory.—The Dominion Automobile Company have arranged for the building of a garage on part of the Cahill property on King street east. A. E. Carpenter is interested.—H. N. Kisston has purchased the Palace rink property on Jackson street west, which will probably be utilized in connection with W. H. Gillard & Company's business.—The Baynes Carriage Company, Buffalo, are about to build a $40,000 factory on Sherman ave., the plans for which have been prepared by A. W. Peene, architect. — Chief Ten Eyck, of the Fire Department, is pressing the Council to build two new fire halls, one in the east end and the other in the west end.—R. & J. Pong will build a $1,900 brick residence on Queen street, between Markland street and Aberdeen avenue.

VANCOUVER, B.C.— New Hampshire and Massachusetts capitalists have acquired timber limits in the vicinity of Jervis Inlet and purpose building a saw mill.—The Seattle Lumber Milling Company, who are carrying on operations at Mosquito Bay, intend to construct about a mile of wharf.—John Hendry, president of the V., W. & Y. Railway, states that grading work on the western section will be started not later than March.—The by-laws to be voted on by the taxpayers in January are as follows: Waterworks extension, $750,000; crematory, $30,000; sewers, $100,000; market, $100,000; park, $15,000. —Tupper & Griffiin, solicitors, are applying for the incorporation of the Kamloops & Yellow Head Pass Railway Company, to construct a railway from Kamloops to Tete Gaune Cache.—A by-law will likely be submitted to the ratepayers to provide $30,000 for the purpose of establishing a modern crematory. — P. Burns & Company will proceed with the construction of an abattoir as soon as the agreement with the city is finally ratified.—The City Engineer has been instructed to prepare an approximate

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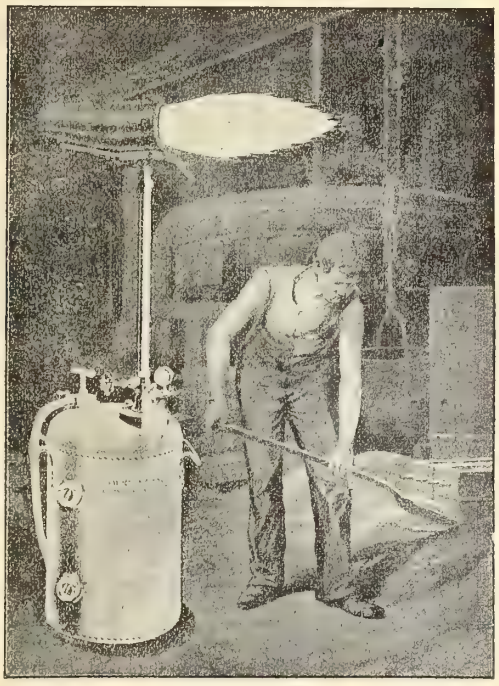

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estimate of the cost of a new market place.

TORONTO, ONT. — Dr. Pyne, Minister of Education, intends building a residence and office for himself at north-east corner of Wilton avenue and Sherbourne street.—Plans of wharf to be constructed by the Dominion Government at Hamilton may be seen at the office of J. G. Sing, Confederation Life Building, this city. Tenders close February 5th.—The Continental Life Assurance Company are announced to have purchased the Medical building at corner of Bay and Richmond streets and will make extensive alterations.—The Presbyterian congregation which has for six years worshipped in a school house on Avenue road, have decided to build a church on the corner of Roxborough avenue and Avenue road.—The City Architect has been instructed by the Board of Control to prepare plans for a branch library to be constructed on Yorkville avenue. The building will cost about $25,000.—A. B. Turner has made application to the City Council for an entrance into the city for the Ontario Electric Railway Company. The charter of this company permits them to build an electric railroad between Toronto and Cornwall. The first section to be constructed will be from Toronto to Kingston.--Hon. Mr. Reamue, Minister of Public Works, has forwarded to the City Clerk a petition asking for an asphalt pavement on Simcoe street, from King to Wellington streets.—The City Engineer has again recommended a cedar block pavement on Bloor street, from Bathurst to Dufferin streets. — The Board of Control are asking for tenders up to Saturday, 30th inst., for erection of a new ferry building on the water front just east of Bay street. — McMaster University intends erecting a new physics building next year, at a probable cost of $50,000. —S. W. Armstrong, Treasurer of Township of York, 106 Victoria street, will receive bids up to Saturday, 23rd inst., for purchase of $40,000 20 year 4½ per cent debentures.—It is said that negotiations are under way looking to the erection of a new theatre building on the south-east corner of Richmond and Victoria streets, probably to replace Shea's theatre. The Dominion Automobile Company recently purchased the lot with the intention of building thereon, but have since changed their plans.—The Canadian Military Institute have purchased the Fitzsimons property at 245 Simcoe street, and will spend about $15,000 in fitting up a new club house. — Building permits have been granted as follows: J. Sercombe, pair two-storey brick and stone dwellings, 22-24 Gibson ave., cost $4,500; H. S. Mara, 3 pair two-storey brick and roughcast dwellings, Bellwoods ave., near Queen street, cost $9,000; Ernest L. McCall, two-storey galvanized iron warehouse, 90-94 Don Esplanade, cost $6,000; H. B. Somers, pair three-storey brick dwellings, 180 University ave., cost $8,500; Michael Healy, 2½-storey brick residence, Harbord street, near St. George, cost $3,700; J. W. Devitt, two-storey and attic stone, brick and slate dwelling, Albany ave., cost $3,000; T. Phillips, pair 2½-storey brick and stone residences, Montrose ave., cost $4,500; A. W. Mayell, three-storey brick and stone addition to warehouse, 1299 Queen street west, cost $3,000; Wm. Matthews, pair two-storey brick and frame dwellings, Logan ave., cost $2,500; Orr Bros., pair two-storey brick dwellings, 332a and 332 Shaw street, cost $4,000; Geo. C. Watson, two-storey and attic brick and stone dwelling, Broadview ave., near Elliott st., cost $2,500; Toronto & York Radial Railway Co., one-storey frame and sheet iron building, Lake Shore road, $4,000.

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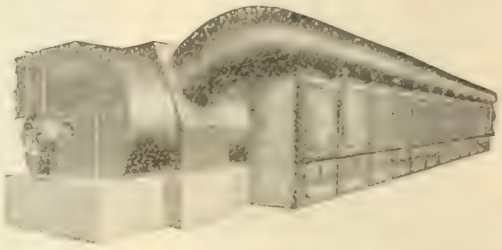

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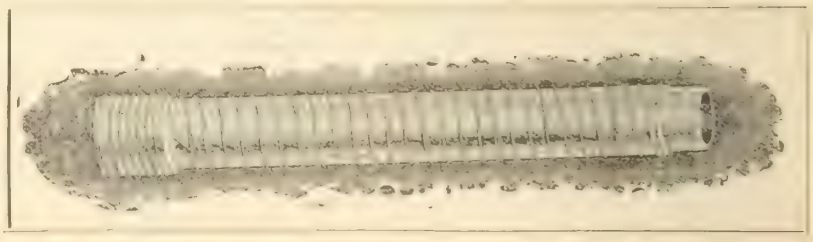

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CONTRACTS AWARDED.

VICTORIA, B. C.—Building on Johnson street for Juene Bros.: Robert Dinsdale, contractor.

FORT FRANCIS, ONT.—Two-storey cold-storage building for L. Christie: J. F. McKenzie, contractor.

MONCTON, N.B.—Haley Bros., of St. John, are reported to have secured the contract for refitting the post-office here.

PORT ARTHUR, ONT.—The Council have just sold $25,000 town debentures to the Dominion Securities Company, at 105.

TORONTO, ONT.—The contract has been let for a new Baptist church at corner of Bloor street and Ossington avenue, brick and stone, cost $13,000.

WINNIPEG, MAN.—The City Council have accepted the following tenders: Supply of 16 and 18 inch valves, Chapman Valve Company, $305; hydrants, Camden Iron Works, $6,025 f.o.b. Winnipeg.

FREDERICTON, N. B.—It is understood that the Canada Foundry Company, Toronto, have secured the contract for the superstructure of the Fredericton highway bridge.—The Council have disposed of $10,0000 of waterworks debentures to J. W. McCready, at $25 above par. They are redeemable in 30 years and bear interest at 4 per cent.

FIRES.

Hotel at Dyment, Ont., owned by Mrs. Larson; loss $4,000.—Central Congregational church on Hargrave street, Winnipeg, damaged to extent of $25,000.—St. Luke's Anglican cathedral, Halifax, N.S., totally destrayed ; loss about $30,000, insurance $20,000.—Creamery at Richmond Hill, Ont., owned by the Devonshire Manufacturing Company, totally destroyed. A new building will be erected.—Methodist church at Markdale, Ont.; loss, $8,000. — Machine shop of the Stuart Machinery Company, Winnipeg, Man., partially destroyed ; loss $10,000. — Residence of Charles Ellis, C.E., Winnipeg, loss $2,000.—Flour mill of Emerson Reid, Portage du Fort, Que.—Building at 364 St. Paul street, Montreal, owned by John Torrance and occupied by the British American Import Company, partially destroyed; loss on building, $30,000.

PRODUCTION OF PORTLAND CEMENT.

According to a report published by the United States Geological Survey, the production of Portland cement in the United States in 1903, 22,342,973 barrels, showed an increase of 5,112,329 barrels over that of 1902. This increase in supply was not entirely justified by the demand, and when the year closed a quantity of the Portland cement produced during the year was left unsold in the bins. Prices fell as a result and only the oldest and best known brands were able to maintain their usual market rate. The low price of the artificial product also seriously interfered with the production of natural rock cement, so that many operators of natural cement plants were forced to shut down during a large part of the year.

The total production of hydraulic cement in the United States in 1903 was 29,899,140 barrels, valued at $31,931,341, an increase of 4,145,636 barrels in quantity and of $6,564,961 in value as compared with 25,753,504 barrels, valued at $25,366,380, produced in 1902.

Of the total production in 1903, 22,342,973 barrels, having a value of $27,713,319, were Portland cement.

The production of natural-rock cement was 7,030,271 barrels, valued at $3,675,520. This was a decrease in quantity of 1,014,034 barrels and in value of $401,110, as compared with 8,044,305 barrels, valued at $4,076,630, the production of 1902. The production of pozzuolana or slag cement was 525,896 barrels, valued at $542,502. The number of Portland cement works in the country during 1903 was 78.

SAWING STONE BY WIRE.

Stone sawing by wire is done successfully in France, according to a paper by Mr. E. Bourdon in the "Bulletin" of the Society for the Encouragement of National Industry. A complete plant comprises an endless wire passing round a series of pulleys, one of which is a driving-pulley. The necessary tension is obtained by a straining trolley working on an incline plane, and between the driving shaft and this trolley is situated the saw frame, which carries the guide-pulleys for the wire saw. This wire, which is driven at a given speed, is caused to press lightly on the stone, and the cutting is done by sand mixed with water, which is conveyed into the saw-cut as the work proceeds. Though the mode of operation appears simple, it entails various difficulties in practical application. Three twisted steel wires are used, each wire having a diameter of 0.098 in. The strands must be twisted fairly tight and should make one turn in 1.18 in. The wire may be driven in the workshop at a speed of 23 ft. per second, but i quarries or adits the speed should not exceed 13 ft. per second. The force exerted by the wire to produce the cut must be uniform and must be capable of being readily varied; moreover, it must be proportionate to the length of the cut.

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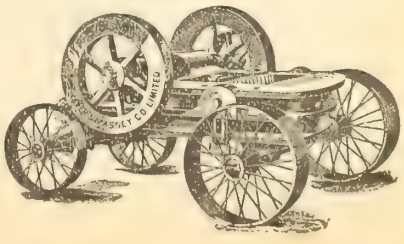

WASHED PORTLAND CEMENT.

Cement can be washed provided it is extremely slow setting, say one hour to one and one-half hour. Such a washed cement will prevent efflorescense in the work in which it is used. Cement so treated will only attain one-half of the strength of an unwashed cement. Experiments conducted in the laboratory of the Tonindustrie Zeitung gave the following results: Neat cement briquettes, 24 hours, 16 pounds per sq. centimeter; washed cement; 8 pounds per sq. centimeter. Washed cement therefore loses one-half of its strength compared to the unwashed cement. The same ratio obtains as the cement test pieces become older and stronger. The washed cement being 100 per cent. stronger than the unwashed cement, therefore efflorescence can only be overcome by sacrificing the strength of the cement.

NEW COMPANIES.

Toronto-Cobalt Mining Company, Limited, Toronto, incorporated, capital $300,000. Directors, H. B. Wills, of Toronto, J. S. Humberstone, of Township of York, and Whitford Vandusen, of Toronto Junction.

Stephenson Belting Company, Limited, Toronto, incorporated, capital $40,000, to manufacture belting, etc. Directors, John E. Stephenson, William Gillespie, and others.

Rhodes Metallic Packing Company, Limited, Toronto, incorporated, capital $40,000, to manufacture metallic packing. Directors, J. M. Rhodes, J. S. Dawson and Robert L. McAfee.

Imperial Electric Motor Company, Limited, Toronto, incorporated, capital $200,000. Directors, Andrew Dods, Robert McKay, and others.

Uxbridge Piano & Organ Company, Limited, Uxbridge, Ont., incorporated, capital $30,000. Directors, C. W. Small, George McGuire, and others.

Economical Manufacturing & Supply Company, Limited, Toronto, incorporated, capital $40,000, to manufacture engineers' and steam users' supplies, etc. Directors, H. L. Brown, W. J. Boland, Samuel Beham, T. J. Walsh and W. H. Crow.

McGill Chair Company, Limited, Cornwall, Ont., incorporated, capital $100,000, to manufacture chairs, etc. Directors, Thomas McGill, P. E. Campbell and R. J. Pitts.

Fred Armstrong Company, Limited, Toronto, incorporated, capital $40,000, to acquire the plumbing and heating business carried on by Fred Armstrong. Directors, Fred Armstrong, William Armstrong, and J. R. Bailey.

Jamaica Light & Power Company, Limited, Montreal, incorporated, capital $250,000, to carry on the business of a light, heat and power company. Promoters, W. G. Brown, C. J. Flett and James Hutchinson, of Montreal; Henry Holgate, consulting engineer, Westmount, Que., and others.

Bodt's Gum Company, Limited, Montreal, incorporated, capital $125,000, to manufacture chewing gum, etc. Promoters, R. T. Heneker, J. J. Robson and others.

International Amusement Construction Company, Limited, Montreal, incorporated, capital $250,000, to manufacture various structures and devices for amusement purposes. Promoters, J. A. Gordon, F. X. St. Charles, R. A. E. Greenshields and others.

Carleton Apartment House, Limited, Montreal, incorporated, capital $50,000. Promoters, Alexander Mackay, H. M. Marler and others.

Winnipeg Quarry Company, Limited, Winnipeg, Man., incorporated, capital $50,000. Promoters, Charles O'Towle, Peter M. Thomson and others.

TESTS AT CEMENT WORKS.

Tests were recently made at the works of the Sydney Cement Company, under the supervision of C. J. Curtin, the contractor, and cement experts of w rk. Among the prominent gentlemen present were Hon. G. H. Murray, President Plummer of the Dominion Iron & Steel Company, President Mayhew of the Cape Breton Coal, Iron & Railway Company, and a number of contractors, all of whom followed the various processes with deep interest. Mr. Plummer was especially interested and expressed himself as being thoroughly satisfied with the result of the test, the complete condition in which he found the plant, and the general details of its operation.

The quality of cement produced, as shown by this test, was highly satisfactory and exceeds in every respect the official specification of the government. The machinery producing it is most complete, and the plant contains all the most recent improvements, so that the Sydney industry is the most modern on the continent, if not in the world. This is due to close application on the part of Mr. C. J. Curtin, who has been devoting himself to the study of the manufacture of slag cement and the erection of slag cement plants for the past seventeen years. Mr. Curtin states that upon careful investigation and analysis he has found the slag used by the Sydney industry superior to any in the United States for the manufacture of cement.

J. P. Leroux, sash and door factory, Sorel, Que., has assigned.

The municipality of Red Deer, Alberta, is making a change in the waterworks intake and is putting in a filtration basin, at an estimated cost of $2,500. The water is drawn from the Red Deer river and forced into the mains by a steam pump at a pressure of 35 lbs. for domestic purposes and 125 lbs. for fire. The metal pipe used was supplied by the Gatshore Thompson Company, Hamilton, and the wooden stave pipe by the Pacific Coast Pipe Company, Vancouver. The proposition for this year's deliberations is to extend the waterworks system about two miles, thus giving a circulating system throughout the whole municipality. Red Deer has spent $5,000 on local improvements during the past year, $4,000 being on permanent streets and the balance on wooden sidewalks. The assessment of the town for the current year is practically $1,000,000, the population being now about 2,000, a growth of 500 this year. The C. P. R. are putting in permanent improvements, including a new roundhouse, it being their intention to make Red Deer a divisional point on the C. & E. Railway.

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PORTABLE GRAVITY
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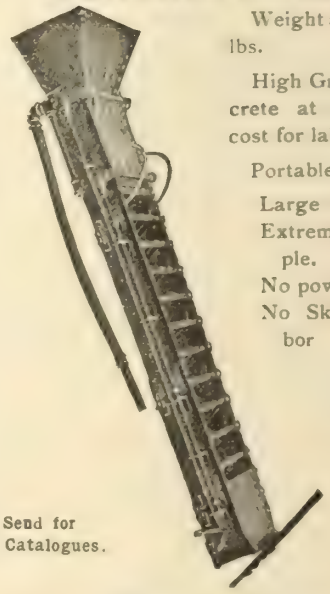

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BUSINESS NOTES.

Strachan & Hebden have bought the stock of F. E. Hebden, plumber, Nelson, B. C.

Thomas McCullough has sold his planing mill at Fullarton, Ont., to R. J. Harmer.

Joseph Newberry, painter and wall paper, St. Thomas, Ont., has sold his business to I. N. Wheeler.

R.B. Weeks, of Weeks & Son, Vancouver, B.C., has recently been on a business trip to the Eastern States.

The assets of O'Connor & Wilson, plumbers, hardware, etc., Ottawa, have been sold at 50 cents on the dollar.

Placide Pleau and Arthur S. Pleau have registered under the name of Pleau & Fils, carpenters and builders, Montreal.

The general offices of the Canadian Portland Cement Company, of Deseronto, Ont., have been removed to the Temple Building, Toronto.

The Canadian Buffalo Forge Company, Montreal, have recently issued two attractive booklets, one entitled "Buffalo Steel Pressure Blowers," and the other "Volume Blowers and Exhausters."

The Dominion Government are constructing a waterworks system in Banff, Alberta, the water being brought from a mountain stream three miles away. The Pacific Coast Pipe Company, Vancouver, secured the order for the supply of the main pipe, which will consist of 14,000 feet, 10 and 12 inches in diameter, most of it working under a pressure of 130 lbs. The contract for the pipe was awarded direct by the Department of Interior at Ottawa.

The annual meeting of the shareholders of the Grey & Bruce Portland Cement Company was held at Owen Sound recently, when a very satisfactory statement of the year's business was presented. It was stated that arrangements had been made to install a digger for the purpose of transferring the marl from the cars to the mill. Officers for the ensuing year have been elected as follows: President, James McLauchlan; vice-president, J. G. Lind; secretary-treasurer, A.E. Creasor.

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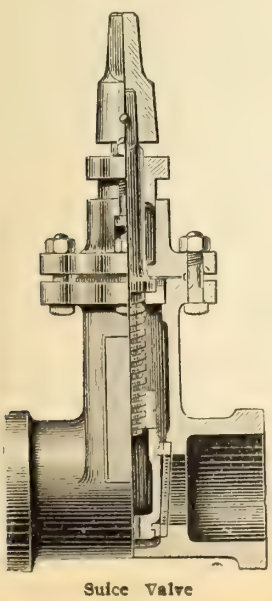
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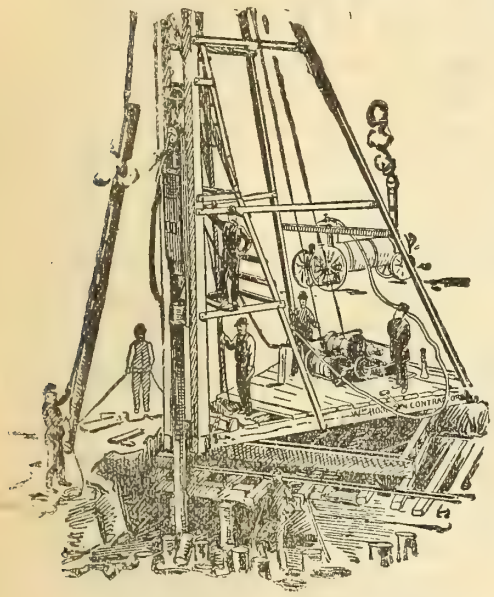

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The city of Montreal, P.Q., has a municipal asphalt plant with a capacity of 1,000 sq. yd. of 2-in. topping per day, which has been in use for two years. According to recent statements by City Surveyor John R. Barlow, during the first two seasons there were 51,800 square yards of repairs and new work done by the city; the new work consisted chiefly of repaving streets formerly paved with three-inch tamarack blocks, which were worn out.

The average cost of the asphalt laid was $1.22 per square yard, and this figure includes all works in connection therewith. When the asphalting work is suspended on account of wet weather the old asphalt taken from the street is ground in a mill and prepared for use in the construction of coal-tar composition sidewalks, so that no time is lost.

The city is this year making experiments with different brands of asphalt and hopes by next year to be in a position to determine which kind of asphalt is best suited to the conditions of our climate. It also hopes that it will thus be able to ascertain the exact area that a ton of each kind of asphalt will cover, together with the cost per square yard in each case.

The total cost of the civic asphalt plant, including buildings which have been erected in corporation yard, tools, repairs, etc., has been to date $22,881.35.

The approximate total area of pavements of all kinds in the city is 745,223.75 square yards, or thirty-three and one-third miles. Two-thirds of this is now under the city's charge for repairs, and the balance is still under guarantees, which expire yearly up to 1910.

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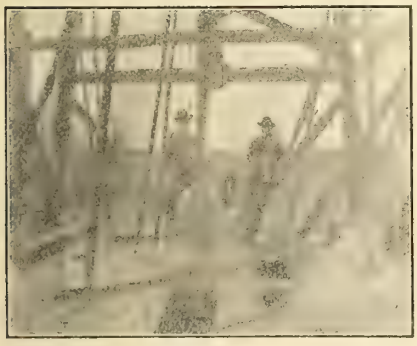

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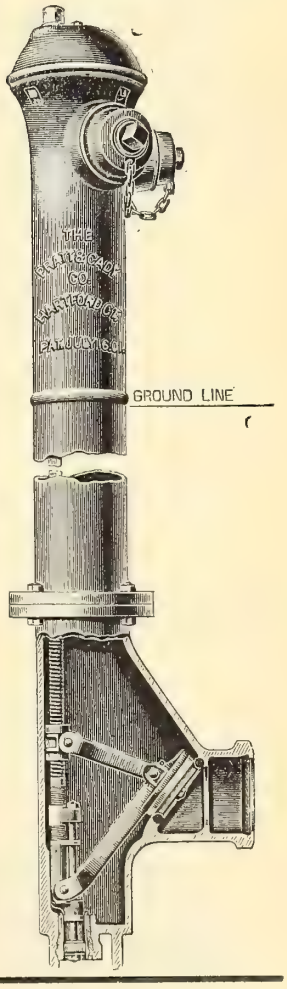

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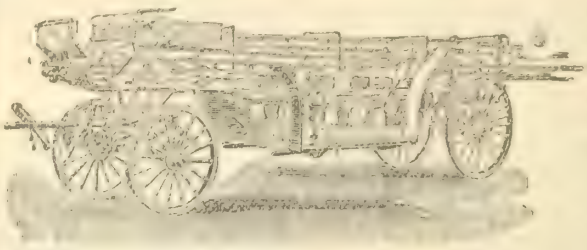

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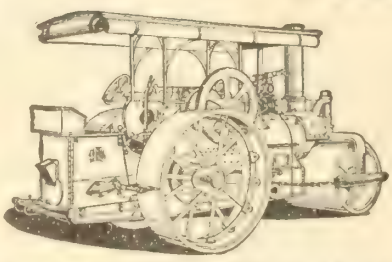

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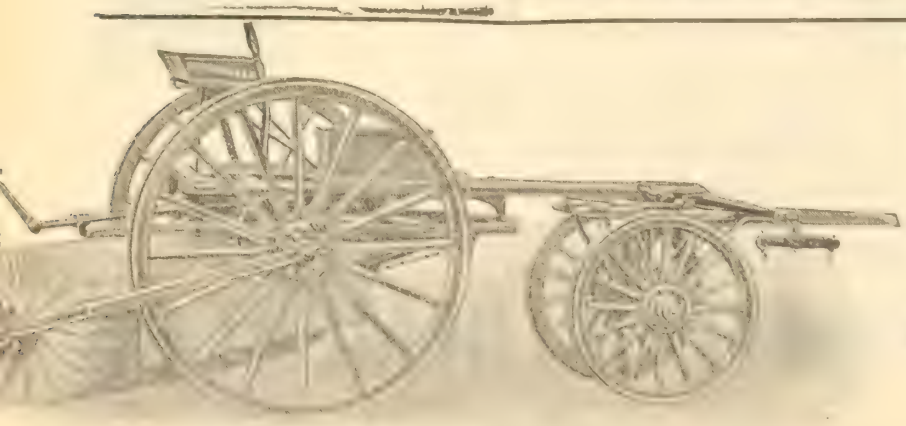

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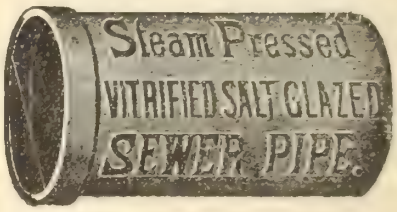

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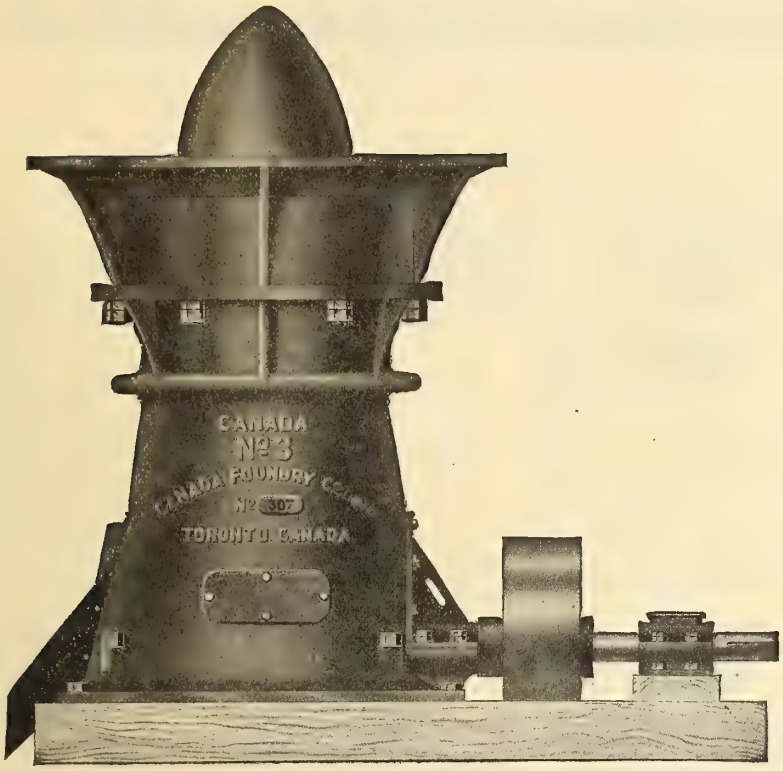

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CANADIAN

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VOL. 16. TORONTO, MONTREAL — DECEMBER 27, 1905 — WINNIPEG, VANCOUVER No. 43

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The Corporation of the Town of Parry Sound, Ontario, will receive sealed tenders at the office of E. E. Armstrong, Town Clerk, up to and including the 13TH DAY OF JANUARY, 1906, for the following Electrical Apparatus: One direct connected 450 k.w. 60 cycle 2080 v 3-phase revolving field Alternator, also one direct connected Exciter suitable for the above machine, together with switchboard all complete, f.o.b power house, Parry Sound.

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G. GROVES, Box 422,
Parry Sound, Ont.

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CONTRACTS OPEN.

WELLAND, ONT.—J. E. Cutler will build a planing mill during the coming spring.

BURRITT'S RAPIDS, ONT.—W. H. Derrick is making preparations to erect a new building.

PRINCETON, B. C.—E. F. Voigt will construct an electric light and power plant on the Similkameen river.

BRIDGEBURG, ONT.—The Methodists are considering the building of a new church to cost about $8,000.

BONAVENTURE, QUE. — The Council propose to raise $1,500 to build a bridge over the Bonaventure river.

NEW WESTMINSTER, B.C.—The Fraser River Lumber Company have decided to rebuild their mills destroyed by fire a few weeks ago.

STURGEON FALLS, ONT.—The Council will purchase property at corner of John and King streets as a site for a new town hall.

BERLIN, ONT.— A public meeting will be held shortly to consider the best means of providing increased market accommodation.

CHATHAM, ONT.—J. L. Wilson & Son, architects, are preparing plans for a new Methodist church at Kintore, to cost about $5,000.

PORT COLBORNE, ONT. — Engineers have made surveys for an electric railway from Welland to this place, to be constructed next year.

KINGSTON, ONT.—The Frontenac Cereal Company of this city, are looking for a suitable site for a cereal mill in Alberta or Saskatchewan.

FERNIE, B. C.—It is reported that the C.P.R. will not only build a new station here next year, but also at Colman, Frank, Cowley and Tabor.

GALT, ONT.—The Galt Waggon Works Company will build their proposed factory in the spring, the location being the Jackson property.

NORTH TORONTO, ONT.—P. McQuain has purchased property on north side of Balliol street on which he will erect two concrete residences.

FREDERICTON, N.B.—The New Brunswick Telephone Company have decided to construct another trunk line between this city and St. John.

HAMILTON, ONT. — A. C. Havill has been granted a permit to build a $2,500 brick residence on Hannah street, between James and Macnab streets.

LEVIS, QUE. — Onesime Carrier, Town Clerk, will receive bids up to 31st inst. for purchase of $85,000 4 per cent. debentures, redeemable in 50 years.

ST. JEROME, QUE.—Senator Mason, of New Haven, Connecticut, is backing a scheme for the establishment of a large pulp mill in the Back River district.

BRANDON, MAN.—Mr. Hanna, of Griswold, has purchased the southwest corner of Pacific avenue and Ninth street and will, it is said, build a hotel on the property.

BEAUDETTE, ONT.—It is understood that surveys of land are being made here to locate a site for a new saw mill to be built by T.H. Shevlin, of Minneapolis, and others.

LONDON, ONT.—St. Paul's United Evangelical congregation have purchased a site at northeast corner of Wellington and Grey streets on which to build a church in the spring.

BELLEVILLE, ONT.—The Grand Trunk Railway have been given permission to construct a branch line from Belleville station to Belleville wharf.—The Lehigh Portland Cement Company, Allantown, Pa., are taking tenders on machinery for their cement plant to be established here next spring.

PRINCE ALBERT, N.W.T.—Alvin Robertson, of Grand Forks, and associates, have purchased a saw mill here and propose to increase its capacity by installing new machinery.

NUTANA, N.W.T.—Frank Holmes will receive tenders, on behalf of the trustees of Blackley School District No. 1392, up to January 12th for purchase of $1,000 6 per cent. 10 year debentures.

ST. BONIFACE, MAN.—The contract for street paving, for which tenders were invited early in December, has not yet been awarded and it is probable that the matter will be left over for the new Council.

RAINY RIVER, ONT.—The by-law to provide $30,000 for waterworks construction will be voted on January 24th. This sum includes $11,000 for plant, about $12,000 for mains, and $3,500 for excavating.

QUEBEC, QUE.—White & Buchanan, solicitors, give notice of application for the incorporation of a company to construct a railway from St. Casimir, county of Portneuf, to some point in the township of Gosford.

ST. JOHN, N. B.—The City Council have decided to place the sum of $400 at the disposal of the Council of the Board of Trade for the purpose of engaging an engineer to report on the waterpower at the Reversible Falls.

CHILLIWACK, ONT.—A.C. Henderson will erect a new store.—It is reported that A. M. L. Hawkes, hydraulic and electrical engineer, has been engaged to design the power plant of the Chilliwack Power & Light Company.

FORT WILLIAM, ONT.—It is reported that a local company have secured the contract to erect two large elevators here next spring, one for the Canadian Pacific Railway Company and the other for the Empire Elevator Company.

SAULT STE. MARIE, ONT.—The Lake Superior Corporation intend making important improvements, including the building of a coke plant and open-hearth blast furnaces for the manufacture of steel for rails and structural purposes.

GRAVENHURST, ONT. — The Railway Commissioners have approved of the plans for two bridges on the Kleinburg-Sudbury branch of the C.P.R., one across the Muskoka river, the other across the outlet of Lake Muskoka near Bala.

BARRIE, ONT.—Tenders are invited by the Department of Public Works, Ottawa, up to Tuesday, January 2nd, for additions and alterations to the public building and fittings here. Plans on ap-

plication to E. Sevigny, caretaker at the public building.

MACLEOD, N.W.T.—The Western Oil & Coal Company have in contemplation the building of a pipe line from their oil property to this place, where storage tanks and a refinery will be erected. The company have allotted $100,000 for the work.

CALGARY, N.W.T.—The Winnipeg Paint & Glass Company have purchased a site here and intend erecting a large brick warehouse.—G. F. Stephens & Company, of Winnipeg, have decided to establish a branch here and will commence building operations at once.

SYDNEY MINES, N.S.—The Department of Public Works, Ottawa, will receive tenders up to January 2nd for installation of heating apparatus in public building here. Plans at office of James Francis, Clerk of Works, and C.E.W. Dodwell, Resident Engineer, Halifax, N.S.

BRANTFORD, ONT. — The City Council have given a twenty-one year franchise for a telephone system to the Canadian Machine Telephone Company, of Peterboro. It is understood that the company will make an early start on the installation of their system and will also erect a building of their own.

PORT ARTHUR, ONT.—The ratepayers will vote on by-laws on January 1st to authorize the issue of debentures for the following sums: $14,000 for extension and completion of the electric lighting system; $7,000 for completion of power plant; $17,000 for extension and completion of the electric railway.

CRANBROOK, B.C. — The East Kootenay Power & Light Company, Limited, has been registered at Victoria, B.C., with a capital stock of $250,000. The directors include Robert Campbell, merchant, of Moyie, and James A. Macdonald, miner, of this place. It is the intention to develop a large water power near Marysville.

ROSSLAND, B.C.—C.P.R. engineers are now engaged in making the final surveys for a loop in the main line in order to reduce the heavy grade at Field. The proposed loop will be twenty miles in length, and the construction will be practically through rock, which has been estimated to cost $60,000 per mile, or a total of about $1,200,000.

KEEWATIN, ONT.—It is stated that the Lake-of-the-Woods Milling Company intend building a mill and elevator here. —J. H. Shevlin, of Minneapolis, and J. Neils, of Cross Lake, Minnesota, were here last week examining the Keewatin Lumber Company's site, and it is believed here that they have decided to build a saw mill on the property.

EDMONTON, N.W.T. — The Blowey-Henry Furniture Company intend during the coming year to build a new store 56 x 120 feet and four or five stories high.—Building permits were granted last week as follows: R. J. Hill, store and dwelling, Queens avenue, cost $2,500; McInnis & Lyons, planing mill, Jasper avenue, cost $3,500; H. W. Dilly, dwelling, Jasper avenue, between Thirteenth and Fourteenth streets.—Contractors are now figuring on the building of a larger freight shed for the Canadian Northern Railway than at first proposed.

OTTAWA, ONT.—The ratepayers of Roger's Ridge will hold a meeting this week to consider the erection of a new Roman Catholic school. — The C.P.R. have submitted to the Minister of Railways and Canals plans showing the proposed route of a new line to connect Ottawa directly with the Georgian Bay.—It is stated that Sargent & Company, hardware manufacturers, New Haven, Connecticut, have decided to establish a plant in Canada and that it is likely to be located in this city.—It is expected that next month contracts for portions of the Grand Trunk Pacific Railway eastward from Winnipeg and westward from Quebec will be awarded.—F. Gelinas, Secretary Department of Public Works, will receive tenders up to January 3rd for the construction of metallic fittings for the Savings Bank branch of the post office. Plans at the Department.

WINNIPEG, MAN.—J.A.M. Atkins, K. C., has decided to proceed early in the spring with the erection of his proposed block at southeast corner of Portage ave. and Donald street. It will be six stories. —A. H. Pulford has purchased property on Donald street, north of Portage ave., as a site for new office building and auction warehouse.—The Hudson's Bay Company are having plans prepared for alterations and additions to their stores on Main street. They also intend enlarging some of their western establishments. —James Stewart is this week taking tenders on $300,000 of debentures of the Pressed Brick and Tile Company.—Plans have not yet been prepared for the Canadian Northern Railway bridge to be built over the Assiniboine river in St. James for the Oak Point branch and the street railway, and it is understood that efforts will be made to have the company build a combined railway and traffic bridge.—President Charles M. Hays, of the Grand Trunk Pacific Railway, has made the announcement that the section between Touchwood Hill and Edmonton will be placed under contract within 60 days. It is also understood that tenders will be invited within a few weeks for that part of the work between Lake Winnipeg Junction and this city.

VANCOUVER, B.C.—The British Columbia Telephone Company will call for tenders in January for erection of their new office building on Seymour street. The preliminary plans have been prepared and show a four story building 75 x 120 feet.—It is expected that the Hochelaga Bank, of Montreal, will erect a building in this city for a branch bank. Tenders will be received by the City Council up to Thursday, February 1st, for supply of a self-propelling fire engine of 1,200 gallons capacity per minute.—English capitalists, represented by J. J. Godfrey, of this city, propose building a large fish curing establishment adjacent to Vancouver. — Wooden block pavements will be constructed on Howe, Hornby, Cambie and Abbott streets, between Pender and Hastings streets.—The Vancouver & Northwestern Railway Company is seeking incorporation, to build from Vancouver to Fort George, on the Fraser river, thence northerly to the 60th parallel.—William Farrell, of Farrell & Tregent, has just acquired a long term lease of the property at northwest corner of Robson and Granville streets and proposes erecting thereon a brick and stone block, the ground floor to consist of stores and upper stories of flats and departments.—A four-storey brick and stone business block will be erected on north side of Pender street, between Homer and Hamilton streets, for F. Ackland Hood, an English capitalist.

MONTREAL, QUE.—The City and District Savings Bank have had plans prepared for a new building on northeast corner of Ontario and Maisonneuve streets, of stone and two stories high. Operations will be begun about May next.—The National Drug & Chemical Company, at a meeting held in this city last week, decided to build a large factory in Canada for the exclusive manufacture of chemicals. The factory will likely be located in this city. D. W. Bole, M.P., Winnipeg, is president of the company and Charles Lyman, of this city, secretary.—It is announced that the Royal Bank will erect a granite or marble building next spring on St. James street, just west of St. Lawrence Hall. The Bank of Commerce will build a little farther west on the property already secured for that purpose.—Professor Bemis has submitted to the City Council his report on a municipal gas plant. He estimates that a complete plant would cost $4,711,000.—Building permits were issued last week aggregating $40,000 and including the following: Joseph Daniel, block of tenements on Sherbrooke street, cost $4,500; Adolph Klein, alterations at 1810 to 1818 St. Lawrence street, cost $9,000.—The Dominion Park Company, Street Railway Chambers, are asking for tenders for supply of about 1,000,000 feet of rough and dressed spruce and pine lumber to be used in the construction of new amusement park at Longue Pointe. —The Harbor Commissioners have instructed the engineers to prepare plans and specifications for seven additional sheds to be built in connection with the permanent wharf improvements.

TORONTO, ONT.—John McConnell has purchased the property at 37 to 47 Richmond street east. It is said that the buildings will be torn down and a large factory erected.—Krether & Shelling, of Buffalo, have completed the purchase of the southeast corner of Richmond and Victoria streets and will erect a new theatre on the property, as intimated in last issue.—Tenders will be received by J. B. Miller, superintendent, up to January 2nd, for work to be done in the different departments of the Don Valley Brick Works.—E. Copps, of Detroit, representing American and English capitalists, had a consultation with the Minister of Public Works last week in respect to the building of a railway from the north shore of Lake Superior to a point beyond the height of land.—It is stated to be the intention of the Continental Life Assurance Company, which recently purchased the Medical Council building at southeast corner of Bay and Richmond streets, to not only remodel the whole interior of the building, but to increase the height by four or five stories. The Medical Council will likely erect a building in or near the Queen's Park.—A fire engine ave. will be purchased for the new Cowan fire hall.—The Temiskaming Railway Commission have decided to extend the Temiskaming and Northern Ontario Railway to meet the Grand Trunk Pacific, which means a further extension of 50 miles.—The City Council intend to construct the following roadways: Macadam, Leslie street, from Queen street to a point 1,145 feet south, cost $5,689; asphalt, Beatrice street, from a point 400 feet north of Arthur street to 675 feet farther north, cost $4,100; Wellington street, from Simcoe to Peter, cost $19,070; concrete, Rush Lane, from Esther to Portland street, cost $1,601; Pearl street, from Simcoe to Duncan, cost $4,058.

CONTRACTS AWARDED.

MOOSE JAW, N.W.T.—J. W. Nay, of Regina, has purchased $30,000 of town debentures, at $31,706.

CORNWALL, ONT.—J.J. Fallon, this place, has secured the contract for a new landing pier at Peel Head Bay, Que.

NANAIMO, B. C.—Joseph Fox has let the contract for remodelling the Green Block into a first-class hotel, at a cost of $9,000.

GUELPH, ONT.—The City Council have disposed of $15,400 3¾ per cent. debentures to H. O'Hara & Company, of Toronto.

BELFONTAINE, ONT.—The James Smart Manufacturing Company, Brockville, Ont., have been awarded the

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MONTREAL

contract for heating and ventilating the Baptist church here.

CALGARY, N.W.T.—The contract for stone school has been awarded to W. B. Laughlin, of Wetaskiwin, for $60,659 exclusive of heating.

VANCOUVER, B. C.—It is reported that P. Burns & Company have let the contract for the foundation of their proposed abattoir to Armstrong & Morrison.

NEW WESTMINSTER, B. C.—A contract for a large pile driver for the Anglo-British Columbia Packing Company has been let to Walter Emerson, of this city.

PORT BURWELL, ONT.—The contract for a Government breakwater here has been awarded to the Pacific Construction Company, of Ottawa, at about $72,000. It will be 500 feet in length and will have cribbwork substructure and concrete superstructure.

TORONTO, ONT. — Contracts for sewers were awarded by the Board of Control last week as follows: To J. Connolly, Armstrong avenue, $2,688; Crawford street, $2,285; Shaw street, $7,844; St. Clair avenue, $982; Wolfrey avenue, $1,148; to J.H. McKnight, Adelaide street, $3,147; to John Maguire, Olive avenue, $1,082; Oriole road, $3,298.

BRACEBRIDGE, ONT. — The town received the following tenders for purchase of $14,000 electric light debentures: Aemilius Jarvis & Company, Toronto, $14,072, with accrued interest (accepted); G. A. Stimson & Co., $13,930; W. Brent, $13,859; Wood, Gundy & Co., $13,872; Canadian Securities, $14,017, with accrued interest; Dominion Securities, $13,764; H. O'Hara & Co., $13,867.75; A.E. Smith, Montreal, $13,800.

NIAGARA FALLS, ONT. — The following tenders were received for purchase of $516,785.37 5 per cent. 30 year debentures: W. C. Brent, Toronto, $18,139 (accepted); G. A. Stimson, Toronto, $18,101; R. G. Duncan, M. D., Bathurst, N. B., 1.0125 for $6,000; The Ontario Security Company, Toronto, $17,943; The Bank of Hamilton, 1.073; O'Hara & Company, $18,101.50; H. E. Smith, Montreal, 1.0615; Aemilius Jarvis, Toronto, $17,804; Wood, Gundy & Co., $18,052; The Canada Securities Company, $18,127, and the Dominion Securities Company, $17,803.

FIRES.

Fur warehouse of B. Silver & Company, Montreal, damaged to extent of $20,000. — Warehouse of Port Huron Thresher Company, Winnipeg, Man., totally destroyed, loss $35,000.—Two hotels and several stores at Rosthern, Sask., were destroyed by fire on the 19th inst.; loss $20,000.—Hotel at Carman, Man., owned by Angus Campbell; loss $9,000.—Buildings and plant of the Brandon Brewing Company, Brandon, Man., totally destroyed; loss $100,000.

The stock of Hector Mackenzie, plumbers' supplies, Montreal, was damaged by fire last week.

Mrs. Emile Galarneau has registered as proprietress of the business of Galarneau & Company, plumbers, etc., Montreal.

Sidewalk construction in Ottawa is done by day labor, and Mr. C.H. Richardson, assistant city engineer, reports that the labor charges have been as follows: Excavation, 26 per cent. of the total; laying foundation, 12; mixing and laying concrete, 21; mixing and laying surface, 18; setting circular curbs and corners, 2; laying crossings, 6; foremen, 3; watchmen, 4; cartage, 8. The sidewalks have a 12-in. foundation of spalls placed by hand. On these is placed 3½ in. of 1:4:8 concrete made with 2-in. stone, and on this 1½ in. of 1:1:2 concrete, which is well troweled.

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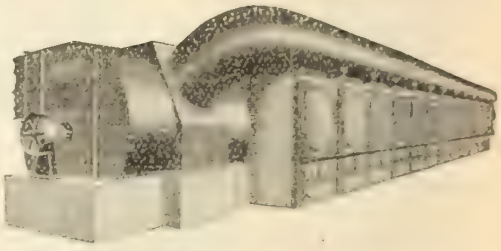

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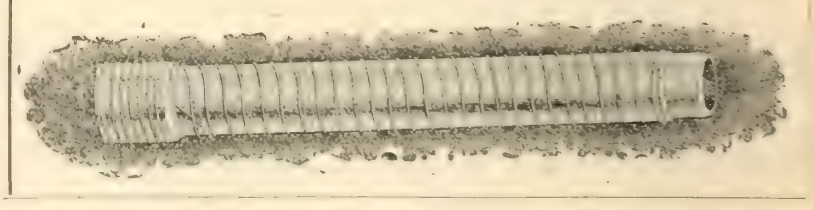

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POPULARITY OF METAL LATHS.

In discussing the popularity of metal lath a writer in one of our exchanges points out that there is always a risk in putting ornate decorations upon ceilings or walls that may yield or crack with any change of temperature or humidity. Owing to the rigidity imparted by the metal laths the decorations suffer no deterioration. The householder desirous of having ceilings, walls and partitions that will be rigid and inflexible can attain his object by means of the metal lath.

Walls, partitions and ceilings thus constructed are proof against fire, water, vermin and sound. Metal protected by plaster is free from corrosion. All wooden beams or supports are so insulated as to be practically fireproof. Gas pipes, electric wires and other necessary connections can be made through the walls without difficulty. A metal lath with plaster is also adapted to air shafts, dumbwaiter shafts, chimney stacks, alcoves, architraves, cisterns and vaults.

MAKING SEWER CONNECTIONS.

A new plan is to be put in force at Duluth by the board of public works in the manner of making sewer connections. The present system is to issue permits to all licensed plumbers for making connections anywhere in the city, for which a deposit of $5 is made with the board, to be retained for six months to assure the proper restoration of streets. A considerable portion of the trench digging is let by the plumber to other men at so much per foot, so that it is impossible to get satisfaction as to the manner of doing the work. Therefore complaints are constantly being made, by the public, of holes in the streets caused by careless filling in the lower part of trenches. The surface may appear to be firm, being nicely rounded and sun-baked, concealing a good sized burrow, which is usually revealed in rainy weather when some team comes along unaware of any danger, to get stuck in a sewer trench that had been filled more than a year before. Tunnelling under streets is also very damaging and is often done in making sewer connections, especially under permanently improved streets or gutters. It is very damaging and ordinarily requires about five years' time in which to settle to its former condition. A considerable amount of money is spent annually in following up these gophers trying to keep their burrows filled. Therefore the conclusion is that the best thing to do would be to have the city put in all sewer connections to the property line, charging fifty cents per lineal foot for earth excavation and extra for rock and frozen earth not exceeding the cost. This work would be under the supervision of the sewer foreman, now in the employ of the board of public works, who has to employ a crew of men for the ordinary repair work.

BUSINESS NOTES.

The partnership existing between James Hogg, John Keating, and Charles Cooper as builders and contractors, Toronto, under the name of Hogg & Company, has been dissolved by effluxion of time.

Charles Thompson, plasterer, Lower Fort Garry, N. W. T., is announced to have assigned to W.P. Aslip.

James G. McDonald, a prominent contractor and native of Pictou County, N.S., died at Moncton, N, B., last week. He had recently been engaged in railway construction in Nova Scotia for Mackenzie & Mann.

Alex. Desmarteau has been appointed curator of the estate of Galarneau & Ethnier, plumbers, Montreal.

Granite asphalt has been given a trial in Paris lately as a substitute for the usual rock asphalt in situations where it is necessary to keep down the slippery properties of a pavement. It consists of various grades of crushed stone, particularly granite chippings, mixed with hot natural asphalt in an ordinary tar boiler. The pavement is stated to be much harder than the rock asphalt pavements laid in that city and to give very satisfactory results.

The City Engineer's authority in selecting pavements for different streets is generally so close to nil that this expensive class of work is done without any really intelligent system. The city engineer is presumably the official judge of the most suitable material for paving a given street. Naturally enough, the owners of abutting property, who generally pay a considerable part of the cost of such work, do not often care to meet the expense of the most costly construction and consequently they are entitled to a reasonable amount of influence in selecting the material. The right method would seem to be for the city engineer to designate certain pavements which are suitable, stating in a report the cost and relative merits of each, so that the property owners will be in possession of an unprejudiced statement of the facts necessary for making an intelligent decision.—Engineering Record.

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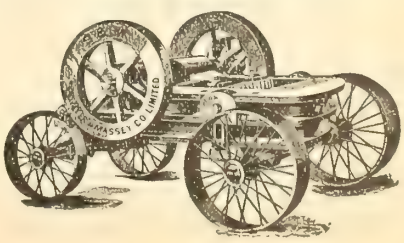

THE NEW ASBESTOS MILLS OF BLACK LAKE, P. Q.

Commercial asbestos is a fire-resisting substance composed of silky fibers up to 6 in. in length, which can be used for packing or woven into fabrics. Its value corresponds approximately with the length of the fiber. It is prepared from a mineral of variable color, which is usually found deposited in thin sheets in the seams of granite rock. The fiber is normal to the sheets and its length is thus limited by the thickness of the seam. The most important deposits so far discovered in America are one of flesh-colored mineral in Arizona and a green deposit at Black Lake, in the Province of Quebec, Canada. In order to secure the asbestos mineral it is necessary to quarry the granite in which it occurs and afterward separate the materials by crushing. Formerly the asbestos mineral was hammered by hand until the fiber was separated and brought to a merchantable condition. This method was slow and expensive, and was improved some years ago by Messrs. King Bros., who devised machinery to work the mineral without breaking the fiber, although some hand work was still required for the long fibers which were most easily broken in the machines.

The Black Lake asbestos mines are about 50 miles from Sherbrooke, on the line to Quebec, and are the richest deposits known in Canada. They were discovered and opened by Mr. Walter Kerr, who operated them for several years by the old hand methods. Recently a company has been organized and special machinery installed, which greatly increases the capacity and provides a superior quality of finished product.

The mines, of which there are several, are located within a radius of one mile from the mills, with which they are connected by a wagon road and narrow gauge railroad. The mineral now is quarried in open pits to a maximum depth of about 50 ft., the granite being drilled by steam and blasted with dynamite. The granite is rejected and the asbestos mineral loaded on dump cars and delivered to the mills over a high wooden trestle, from which it is discharged to the bins and supplied to jaw crushers, which break it into 2-in. pieces. From the crushers it is delivered by bucket elevators to cylindrical screens in the top of a two-story mill. The large pieces are returned to the crusher, and that which passes through the screens is discharged into long cylindrical dryers, in which it is heated until all dampness is removed.

After being dried, the mineral is taken up by a rock hopper and served to several rows of crushers, thus being reduced little by little, till it reaches the emery grinders from which the poorest grade of asbestos is derived. These rows of crushers placed on the second story of the mill reduce the mineral to small pieces several inches in length, and pulverize the particles of rock which still adhere to it. The

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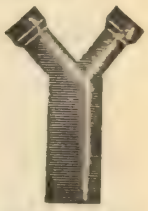

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mixed rock and asbestos is thence passed through beating machines that stamp it and deliver it to slightly inclined flat screens with 1/16 to ¼-in. mesh. Here all the remaining granite is separated from the asbestos and the latter is removed by pneumatic dust collectors and thrown into the combers, delivering A1 grade. The residue is elevated to the second story and passes again through a double set of small rotary crushers and beaters to give the A grade of fiber. The residue from the A grade is a third time elevated and passes through a last set of crushers and beaters, giving the B grade. The final remnant is a small percentage of the original amount and is carried to an emery grinder making 600 r.p.m., which separates the shortest fibers, known as the C grade.

The combers are special machines, each consisting of a pair of horizontal revolving cylinders with rows of radial teeth meshing between rows of similar teeth in the concave surface which encloses the cylinders. The cylinders are driven in opposite directions so as to revolve toward each other, and the asbestos being deposited in a hopper on top of them, is drawn between them and its fibers are gradually worked into position parallel with the rows of teeth and carried around the cylinders to be discharged from their under side. The beaters are wooden boxes 4 feet square and 8 feet long, each of which contains four horizontal shafts 8 feet long. Each shaft is provided with curved arms, which clear each other when the shafts revolve in opposite directions and throw the mineral and stones from side to side, back and forth, gradually separating them and discharging the stones through the bottom of the box. The by-product from the machines is a very fine sand, which is received on a belt conveyor and delivered to the waste pile. This sand contains most of the properties of asbestos and would probably prove valuable if some experiments and investigations were made to develop practical uses for it.

The mill has a capacity of 25 tons of mineral per hour, and the plant is operated by a total force of one hundred men, two-thirds of whom are employed in the quarries. Both quarries and mills are owned and operated by the American Asbestos Co.—E. G. du Mazuel, in the Engineering Record.

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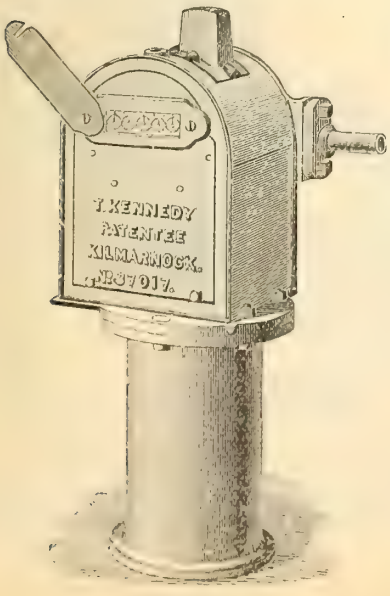

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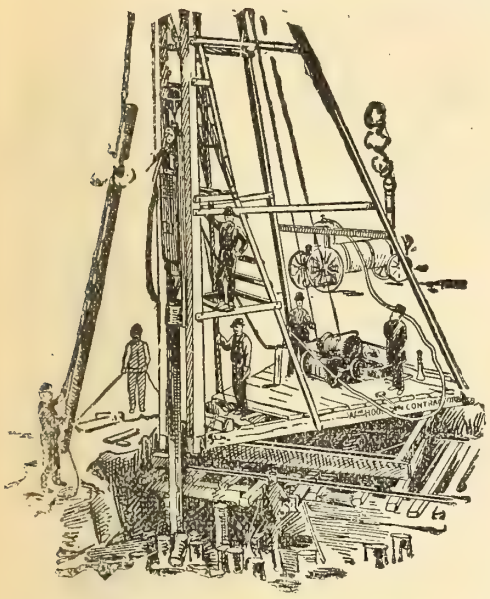

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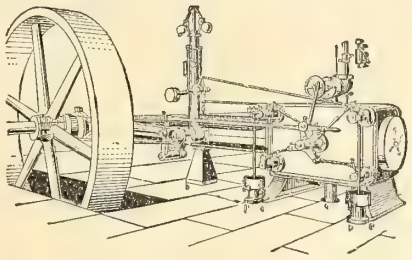

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MUNICIPAL DEPARTMENT

HOW TO MAKE A CEMENT SIDEWALK.

Answering quite a number of inquiries that have come to us as to the best method of making concrete sidewalks, we have held quite a number of interviews with different practical experts in this line, and putting the testimony derived in that way side by side there seems to be on the face of the returns, a very wide diversity of opinion, and every one of them declares that he gets the "very best results." On the other hand, when all the testimony is carefully sifted, the principle in all is practically the same; and while we do not feel at liberty to say what might be exactly the "best" cement sidewalk, we can say without the chance of being contradicted, that the following instructions, if carefully followed, will produce a very excellent cement sidewalk.

The foundation should be prepared by excavating to the depth of twelve to fifteen inches below the proposed finished surface and should be well rammed and leveled where the sidewalk is to be laid in new ground. In cases where a sidewalk has existed for a long time the foundation will probably be found sufficient, and such alterations as are made will have to depend upon the judgment and experience of the party who proposes to lay the sidewalk.

But, returning to our foundation, after it is rammed and leveled it should be filled with clean cinders, coarse gravel or broken stone, and again leveled so as to leave at least four inches for concrete finish. This filler or base for a sidewalk should be thoroughly wet and well rammed again so as to insure a perfect setting. The concrete should consist of the following ingredients:

1 part Portland cement.

2 parts of clean, fresh sand.

4 parts of coarse gravel or crushed stone.

The cement and sand should be mixed thoroughly in the dry state and wet to a stiff putty before adding the gravel or crushed stone, then wet the whole and mix thoroughly with a hoe, then apply and ram into a layer three inches thick.

The top dressing should consist of one part of Portland cement and one of clean, sharp, dry sand. These should also be thoroughly mixed before adding the water and only sufficient water should be put in to make the mixture plastic. The top dressing should be applied and carefully troweled. Great care should be exercised in getting exactly the right amount of water into the different mixtures, and this is a point where the experience of practical operators contend, and where opinions differ, but we are inclined to think that climatic conditions have something to do with this. For instance, concrete mixed in Memphis or New Orleans will take a little more water than when mixed in Chicago, Cleveland or Buffalo. This should be borne in mind, that cement may be "drowned" by excessive use of water. In other words, the particles of the cement which combine to make the crystals or bond may be so washed about by the water and scattered that its intrinsic value may be destroyed.

Some of the practical men say: "The less water used the better the concrete that will be produced." Another uses this expression: "You must be sure to get enough water into the mixture to provide all the cement with its necessary supply, for the cement can't set without sufficient water, and you do not want cement in your concrete that is not set."

Another point on which all seem to be agreed is, that cement work in hot weather should not be allowed to dry too quickly. It should be sprinkled with water judicicusly and protected from the summer sun and rain until it sets thoroughly.

In troweling the top dressing one of the features of good sidewalk making is that it should be worked until water flushes to the surface and the sidewalk should be laid in sections of convenient sizes to handle with one mixing of the concrete, for no concrete should be used that has already set in the mixing box, and better results are obtained by keeping the surface wet for three or four days after same is set.—Rock Products.

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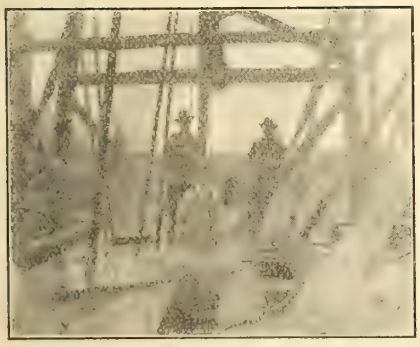

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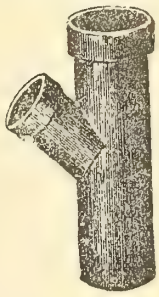

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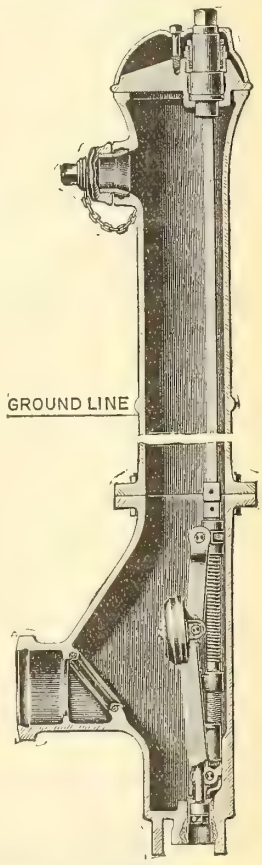

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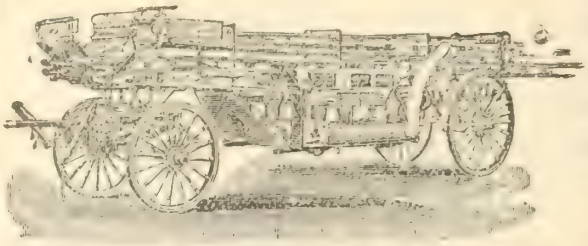

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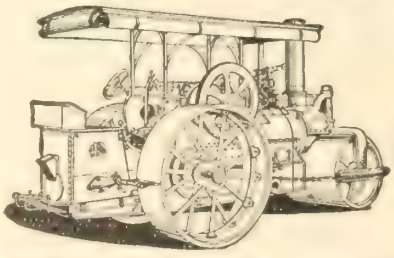

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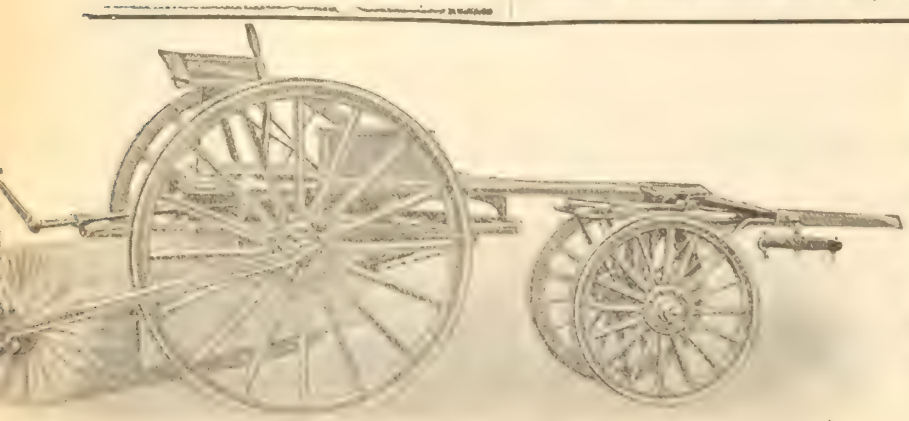

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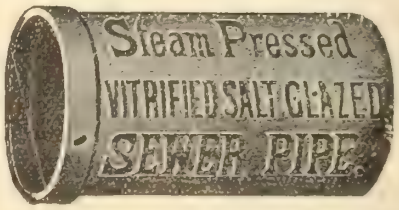

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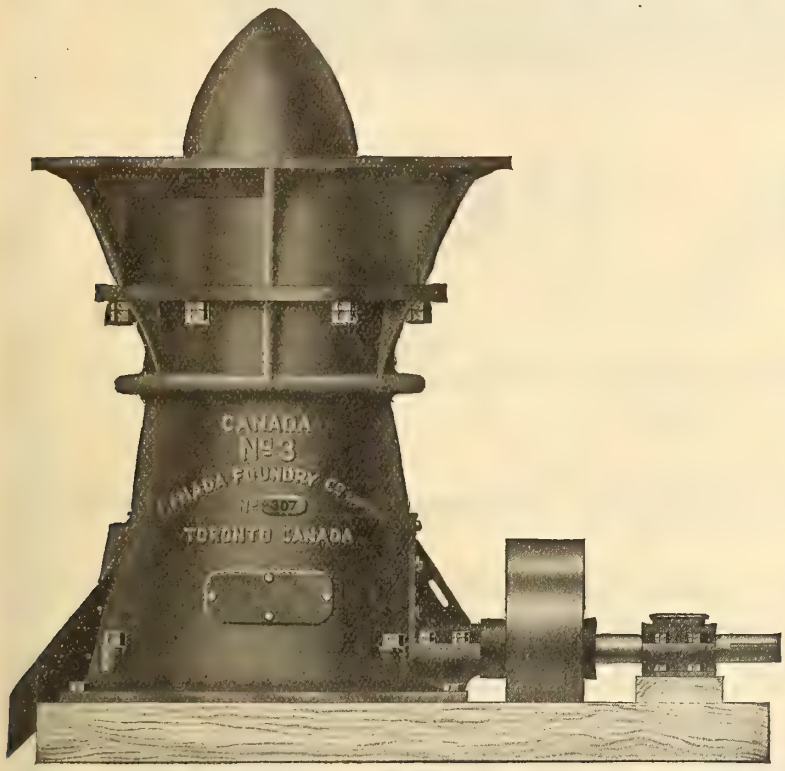

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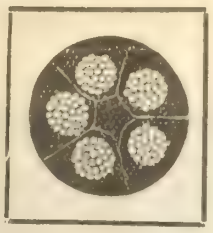

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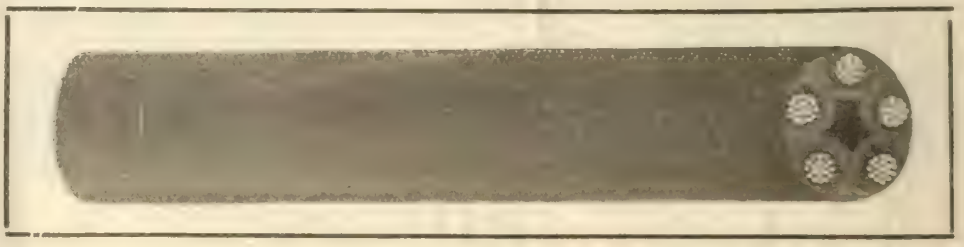

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